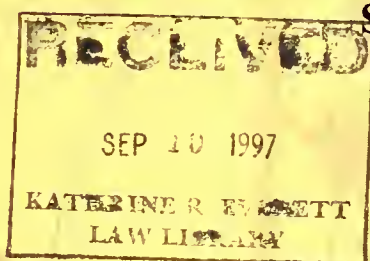


NORTH CAROLINA REGISTER

VOLUME 12 • ISSUE 5 • Pages 334 - 442

September 2, 1997



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Voting Rights Letters
Environment, Health, and Natural Resources
Human Resources
Labor
Nursing, Board of
Psychology Board
Public Education
Speech and Language Pathologists & Audiologists
Transportation
Rules Review Commission
Contested Case Decisions

PUBLISHED BY

*The Office of Administrative Hearings
Rules Division
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NORTH CAROLINA REGISTER

IN THIS ISSUE



**Volume 12, Issue 5
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September 2, 1997

This issue contains documents officially filed through August 12, 1997.

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(August 1997 - May 1998)

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volume and issue number	issue date	last day for filing	60 th day	earliest register issue for publication of text	earliest date for public hearing	A. non-substantial economic impact			B. substantial economic impact		
						end of required comment period	deadline to submit to RRC for review at next RRC meeting	first legislative day of the next regular session	end of required comment period	deadline to submit to RRC for review at next RRC meeting	first legislative day of the next regular session
12:03	08/01/97	07/11/97	09/30/97	10/01/97	08/18/97	09/02/97	09/22/97	05/11/98	09/30/97	10/20/97	05/11/98
12:04	08/15/97	07/25/97	10/14/97	10/15/97	09/02/97	09/15/97	09/22/97	05/11/98	10/14/97	10/20/97	05/11/98
12:05	09/02/97	08/12/97	11/03/97	11/14/97	09/17/97	10/02/97	10/20/97	05/11/98	11/03/97	11/20/97	05/11/98
12:06	09/15/97	08/22/97	11/14/97	12/01/97	09/30/97	10/15/97	10/20/97	05/11/98	11/14/97	11/20/97	05/11/98
12:07	10/01/97	09/10/97	12/01/97	12/15/97	10/16/97	10/31/97	11/20/97	05/11/98	12/01/97	12/22/97	05/11/98
12:08	10/15/97	09/24/97	12/15/97	01/02/98	10/30/97	11/14/97	11/20/97	05/11/98	12/15/97	12/22/97	05/11/98
12:09	11/03/97	10/13/97	01/02/98	01/15/98	11/18/97	12/03/97	12/22/97	05/11/98	01/02/98	01/20/98	05/11/98
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12:16	02/16/98	01/26/98	04/17/98	05/01/98	03/03/98	03/18/98	03/20/98	05/11/98	04/17/98	04/20/98	01/27/99
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12:22	05/15/98	04/24/98	07/14/98	07/15/98	06/01/98	06/15/98	06/22/98	01/27/99	07/14/98	07/20/98	01/27/99

EXPLANATION OF THE PUBLICATION SCHEDULE

This Publication Schedule is prepared by the Office of Administrative Hearings as a public service and the computation of time periods are not to be deemed binding or controlling. Time is computed according to 26 NCAC 2C .0302 and the Rules of Civil Procedure, Rule 6.

GENERAL	FILING DEADLINES	NOTICE OF RULE-MAKING PROCEEDINGS	NOTICE OF TEXT
<p>The North Carolina Register shall be published twice a month and contains the following information submitted for publication by a state agency:</p> <ol style="list-style-type: none"> (1) temporary rules; (2) notices of rule-making proceedings; (3) text of proposed rules; (4) text of permanent rules approved by the Rules Review Commission; (5) notices of receipt of a petition for municipal incorporation, as required by G.S. 120-165; (6) Executive Orders of the Governor; (7) final decision letters from the U.S. Attorney General concerning changes in laws affecting voting in a jurisdiction subject of Section 5 of the Voting Rights Act of 1965, as required by G.S. 120-30.9H; (8) orders of the Tax Review Board issued under G.S. 105-241.2; and (9) other information the Codifier of Rules determines to be helpful to the public. 	<p>ISSUE DATE: The Register is published on the first and fifteen of each month if the first or fifteenth of the month is not a Saturday, Sunday, or State holiday for employees mandated by the State Personnel Commission. If the first or fifteenth of any month is a Saturday, Sunday, or a holiday for State employees, the North Carolina Register issue for that day will be published on the day of that month closest to (either before or after) the first or fifteenth respectively that is not a Saturday, Sunday, or holiday for State employees.</p> <p>LAST DAY FOR FILING: The last day for filing for any issue is 15 days before the issue date excluding Saturdays, Sundays, and holidays for State employees.</p>	<p>END OF COMMENT PERIOD TO A NOTICE OF RULE-MAKING PROCEEDINGS: This date is 60 days from the issue date. An agency shall accept comments on the notice of rule-making proceeding until the text of the proposed rules is published, and the text of the proposed rule shall not be published until at least 60 days after the notice of rule-making proceedings was published.</p> <p>EARLIEST REGISTER ISSUE FOR PUBLICATION OF TEXT: The date of the next issue following the end of the comment period.</p>	<p>EARLIEST DATE FOR PUBLIC HEARING: The hearing date shall be at least 15 days after the date a notice of the hearing is published.</p> <p>END OF REQUIRED COMMENT PERIOD</p> <ol style="list-style-type: none"> (1) RULE WITH NON-SUBSTANTIAL ECONOMIC IMPACT: An agency shall accept comments on the text of a proposed rule for at least 30 days after the text is published or until the date of any public hearings held on the proposed rule, whichever is longer. (2) RULE WITH SUBSTANTIAL ECONOMIC IMPACT: An agency shall accept comments on the text of a proposed rule published in the Register and that has a substantial economic impact requiring a fiscal note under G.S. 150B-21.4(b1) for at least 60 days after publication or until the date of any public hearing held on the rule, whichever is longer. <p>DEADLINE TO SUBMIT TO THE RULES REVIEW COMMISSION: The Commission shall review a rule submitted to it on or before the twentieth of a month by the last day of the next month.</p>

COMPUTING TIME: In computing time in the schedule, the day of publication of the North Carolina Register is not included. The last day of the period so computed is included, unless it is a Saturday, Sunday, or State holiday, in which event the period runs until the preceding day which is not a Saturday, Sunday, or State holiday.

FIRST LEGISLATIVE DAY OF THE NEXT REGULAR SESSION OF THE GENERAL ASSEMBLY: This date is the first legislative day of the next regular session of the General Assembly following approval of the rule by the Rules Review Commission. See G.S. 150B-21.3, Effective date of rules.

This Section contains public notices that are required to be published in the Register or have been approved by the Codifier of Rules for publication.

U.S. Department of Justice

Civil Rights Division

Voting Section

P.O. Box 66128

Washington, D.C. 20035-6128

IKP:DHH:ALP:tlb
DJ 166-012-3
97-1496

July 25, 1997

Jesse L. Warren, Esq.
City Attorney
P.O. Box 3136
Greensboro, North Carolina 27402-3136

Dear Mr. Warren:

This refers to four annexations (Ordinance Nos. 97-63, 97-65, 97-66 and 97-69) and their designation to districts of the City of Greensboro in Guilford County, North Carolina, submitted to the Attorney General pursuant to Section 5 of the Voting Rights Act, 42 U.S.C. 1973c. We received your submission on May 28, 1997.

The Attorney General does not interpose any objection to the specified changes. However, we note that Section 5 expressly provides that the failure of the Attorney General to object does not bar subsequent litigation to enjoin the enforcement of the changes. See the Procedures for the Administration of Section 5 (28 C.F.R. 51.41).

Please be advised that it is unnecessary to provide multiple copies of documents when making a Section 5 submission.

Sincerely,

Isabelle Katz Pinzler
Acting Assistant Attorney General
Civil Rights Division

By:

Elizabeth Johnson
for Chief, Voting Section

U.S. Department of Justice

Civil Rights Division

Voting Section

P.O. Box 66128

Washington, D.C. 20035-6128

IKP:DHH:NT:tlb

DJ 166-012-3

97-1494

97-2027

July 28, 1997

David A. Holec, Esq.

City Attorney

P.O. Box 7207

Greenville, North Carolina 27835-7207

Dear Mr. Holec:

This refers to ten annexations (Ordinance Nos. 97-25, 97-31, 97-33, 97-34, 97-45, and 97-52 through 97-56) and their designation to districts of the City of Greenville in Pitt County, North Carolina, submitted to the Attorney General pursuant to Section 5 of the Voting Rights Act, 42 U.S.C. 1973c. We received your submissions on May 28 and July 14, 1997.

The Attorney General does not interpose any objection to the specified changes. However, we note that Section 5 expressly provides that the failure of the Attorney General to object does not bar subsequent litigation to enjoin the enforcement of the changes. In addition, as authorized by Section 5, we reserve the right to reexamine these submissions if additional information that would otherwise require an objection comes to our attention during the remainder of the sixty-day review period. See the Procedures for the Administration of Section 5 (28 C.F.R. 51.41 and 51.43).

Sincerely,

Isabelle Katz Pinzler

Acting Assistant Attorney General

Civil Rights Division

By:

Elizabeth Johnson

for Chief, Voting Section

STATE OF NORTH CAROLINA

COUNTY OF WAKE

IN THE MATTER OF:

The Denial of Sales and Use Tax Claims for
Refund for the period of January 10, 1990 through
August 21, 1992, by the Secretary of Revenue against
Inacom Business Centers, Inc.

BEFORE THE
TAX REVIEW BOARD

ADMINISTRATIVE
DECISION NUMBER: 334

THIS MATTER was heard before the Tax Review Board (hereinafter "Board") on Tuesday, April 22, 1997, in the office of the State Treasurer in the City of Raleigh, Wake County, North Carolina. It involved a Petition for administrative review filed by Inacom Business Centers, Inc. (hereinafter "Taxpayer") from the Final Decision of Michael A. Hannah, Assistant Secretary for Legal and Administrative Services for the Department of Revenue (hereinafter "Assistant Secretary") entered on August 23, 1996, denying Taxpayer's request for refund of sales taxes collected upon the sales of computer software for the period of January 10, 1990 through August 21, 1992.

Chairman Harlan E. Boyles, State Treasurer presided over the hearing with ex officio member, Jo Anne Sanford, Chairman, Utilities Commission and duly appointed member, Noel L. Allen, attorney at law.

Gerald Johnson, Wilma Ross and Dell Evans appeared at the hearing on behalf of the Taxpayer; George W. Boylan, Special Deputy Attorney General, appeared on behalf of the Department of Revenue. Pursuant to G.S. §105-241.2(b1), the Tax Review Board conducted the hearing upon review of the petition, the final decision, the record, the brief and documents filed in this matter.

The scope of administrative review for petitions filed with the Tax Review Board is governed by G.S. §105-241.2(b2). After conducting a hearing, G.S. §105-241.2(b2) states in pertinent part that:

(b2)... "the Board shall confirm, modify, reverse, reduce, or increase the assessment or decision of the Secretary."

AND IT APPEARING TO THE BOARD: after review of the petition, the final decision, the record, the brief and documents filed in this matter, and upon carefully considering the arguments presented that the findings of fact made by the Assistant Secretary were fully supported by competent evidence in the record, that the conclusions of law made by the Assistant Secretary were fully supported by the findings of fact, and that the decision by the Assistant Secretary was fully supported by the conclusions of law;

IT IS THEREFORE ORDERED that the Final Decision of the Assistant Secretary is **CONFIRMED** in every respect.

Entered this the 6th day of August, 1997.

TAX REVIEW BOARD

/s/Harlan E. Boyles, Chairman
State Treasurer

/s/Jo Anne Sanford
Chairman, Utilities Commission

/s/Noel L. Allen, member

A Notice of Rule-making Proceedings is a statement of subject matter of the agency's proposed rule making. The agency must publish a notice of the subject matter for public comment at least 60 days prior to publishing the proposed text of a rule. Publication of a temporary rule serves as a Notice of Rule-making Proceedings and can be found in the Register under the section heading of Temporary Rules. A Rule-making Agenda published by an agency serves as Rule-making Proceedings and can be found in the Register under the section heading of Rule-making Agendas. Statutory reference: G.S. 150B-21.2.

**TITLE 10 - DEPARTMENT OF HUMAN
RESOURCES**

CHAPTER 26 - MEDICAL ASSISTANCE

Notice of Rule-making Proceedings is hereby given by the DHR - Division of Medical Assistance in accordance with G.S. 150B-21.2. The agency shall subsequently publish in the Register the text of the rule(s) it proposes to adopt as a result of this notice of rule-making proceedings and any comments received on this notice.

Citation to Existing Rules Affected by this Rule-Making:
10 NCAC 26K .0006 - Other rules may be proposed in the course of the rule-making process.

Authority for the rule-making: G.S. 108A-25(b); 108A-54; 42 C.F.R. 447.15

Statement of the Subject Matter: Lists conditions for which providers can bill Medicaid recipients. Clarifies patient liability for the cost of care, when managed care patient knowingly seeks out-of-network care.

Reason for Proposed Action: Providers have expressed confusion about the apparent conflict in 10 NCAC 26M .0203 and 10 NCAC 26K .0006 regarding patient liability for the cost of care.

Comment Procedures: Written comments concerning this rule-making action must be submitted by November 3, 1997, to Portia W. Rochelle, Rule-making Coordinator, Division of Medical Assistance, 1995 Umstead Drive, Raleigh, NC 27603.

**TITLE 15A - DEPARTMENT OF ENVIRONMENT,
HEALTH, AND NATURAL RESOURCES**

**CHAPTER 10 - WILDLIFE RESOURCES
AND WATER SAFETY**

**SUBCHAPTER 10F - MOTORBOATS AND
WATER SAFETY**

Notice of Rule-making Proceedings is hereby given by the North Carolina Wildlife Resources Commission in accordance with G.S. 150B-21.2. The agency shall subsequently publish in the Register the text of the rule(s) it proposes to adopt as a result of this notice of rule-making proceedings and any comments received on this notice.

Citation to Existing Rules Affected by this Rule-Making:
15A NCAC 10F .0330 and .0339 - Other rules may be proposed in the course of the rule-making process.

Authority for the rule-making: G.S. 75A-3; 75A-15

Statement of the Subject Matter:
15A NCAC 10F .0330 - Amendment to modify provisions for placement and maintenance of markers.
15A NCAC 10F .0339 - Amend no wake zone at Lake View Pointe in McDowell County.

Reason for Proposed Action: To regulate boat speed in congested area.

Comment Procedures: The record will be open for receipt of written comments from September 2, 1997 through November 2, 1997. Such written comments must be delivered or mailed to the North Carolina Wildlife Resources Commission, 512 N. Salisbury Street, Raleigh, NC 27604-1188.

**TITLE 19A - DEPARTMENT OF
TRANSPORTATION**

CHAPTER 2 - DIVISION OF HIGHWAYS

**SUBCHAPTER 2E - MISCELLANEOUS
OPERATIONS**

Notice of Rule-making Proceedings is hereby given by the North Carolina Department of Transportation - Division of Highways in accordance with G.S. 150B-21.2. The agency shall subsequently publish in the Register the text of the rule(s) it proposes to adopt as a result of this notice of rule-making proceedings and any comments received on this notice.

Citation to Existing Rules Affected by this Rule-Making:
19A NCAC 2E .0218 - .0222 - Other rules may be proposed in the course of the rule-making process.

Authority for the rule-making: G.S. 136-13; 136-137; 136-89.56; 143B-348; 143B-350(f); 23 C.F.R. 750, Subpart A; 23 U.S.C. 131(f)

Statement of the Subject Matter: Rules set out parameters and conditions for the Logo Signing Program.

Reason for Proposed Action: Rules are proposed for amendment to clarify existing language for legal interpretation,

change criteria for participation in program, and set standardized fees for program signs.

Comment Procedures: Any interested person may submit written comments on the proposed rules by mailing the comments to Emily Lee, Department of Transportation, P.O. Box 25201, Raleigh, NC 27611, within 30 days after the proposed rules are published.

CHAPTER 54 - NORTH CAROLINA PSYCHOLOGY BOARD

Notice of Rule-making Proceedings is hereby given by the North Carolina Psychology Board in accordance with G.S. 150B-21.2. The agency shall subsequently publish in the Register the text of the rule(s) it proposes to adopt as a result of this notice of rule-making proceedings and any comments received on this notice.

Citation to Existing Rules Affected by this Rule-Making: 21 NCAC 54 .1611 - .1613, .2006, .2010, .2104, .2301 - .2314, .2401 - .2402, .2501 - .2505, .2601 - .2602, .2704 - .2706 - Other rules may be proposed in the course of the rule-making process.

Authority for the rule-making: G.S. 90-270.4(d)(e); 90-270.5(e); 90-270.9; 90-270.13(c); 90-270.14(a)(2); 90-270.15(a)(3); 90-270.15(a)(22); 90-270.20(b)(c)(d); 90-270.21; 150B-3; 150B-4; 150B-20; 150B-21.2; 150B-38; 150B-39; 150B-40

Statement of the Subject Matter: Ancillary Services; Administrative Hearing Procedures; Rule-making Proceedings; Rule-making Hearings; Declaratory Rulings; Continuing Education; Psychological Associate Activities Requiring Supervision; Health Services Provider Certification; Practice by Other Professionals; Practice and Supervision of Students, Interns, Fellows, and Trainees; Responding to Board Inquiries

Reason for Proposed Action: To more clearly and accurately set the procedures for conducting administrative and rule-making hearings, and for issuing declaratory rulings; to define ancillary services; to set continuing education requirements; to clarify activities for which Psychological Associates require supervision; to define academic requirements for health services provider certification; to clarify exemption from the Psychology Practice Act for qualified members of other professional groups, and for students, interns, fellows, or other trainees; to clarify licensees' responsibility to respond to Board inquiries.

Comment Procedures: Comments shall be submitted in writing to Martha Storie, Executive Director, North Carolina Psychology Board, 895 State Farm Road, Suite 102, Boone, NC 28607.

TITLE 21 - OCCUPATIONAL LICENSING BOARDS

CHAPTER 36 - BOARD OF NURSING

SECTION .0200 - LICENSURE

Notice of Rule-making Proceedings is hereby given by the North Carolina Board of Nursing in accordance with G.S. 150B-21.2. The agency shall subsequently publish in the Register the text of the rule(s) it proposes to adopt as a result of this notice of rule-making proceedings and any comments received on this notice.

Citation to Existing Rules Affected by this Rule-Making: 21 NCAC 36 .0227 - Other rules may be proposed in the course of the rule-making process.

Authority for the rule-making: G.S. 90-6; 90-18(14); 90-18.2; 90-171.20(4); 90-171.20(7); 90-171.23(b); 90-171.36; 90-171.37; 90-171.42

Statement of the Subject Matter: Describes the nurse practitioner qualifications for approval to practice and the practice requirements. The physician supervision Paragraph (h) to be changed will allow more flexibility.

Reason for Proposed Action: The Board of Nursing and the N.C. Medical Board are recommending that a change be made in the current rule to allow more flexibility in how physician supervision of the nurse practitioner's performance of medical acts is implemented and validated.

Comment Procedures: Comments regarding this action should be directed to Jean H. Stanley, APA Coordinator, North Carolina Board of Nursing, P.O. Box 2129, Raleigh, NC 27602-2129. Comments must be received in the Board of Nursing office by 4:30 p.m. on November 3, 1997.

This Section contains the text of proposed rules. At least 60 days prior to the publication of text, the agency published a Notice of Rule-making Proceedings. The agency must accept comments on the proposed rule for at least 30 days from the publication date, or until the public hearing, or a later date if specified in the notice by the agency. The required comment period is 60 days for a rule that has a substantial economic impact of at least five million dollars (\$5,000,000). Statutory reference: G.S. 150B-21.2.

TITLE 10 - DEPARTMENT OF HUMAN RESOURCES

Notice is hereby given in accordance with G.S. 150B-21.2 that the North Carolina Medical Care Commission intends to amend 10 NCAC 3D .0801-.0803, .0901, .0904, .0913, .0915-.0916, .0925, .1001-.1004, .1103, .1202-.1206, .1301-.1302, .1401, .1403, and repeal rules cited as 10 NCAC 3D .0806, .0902, .0905, .0907-.0909, .0911, .0917-.0924, .0926. Notice of Rule-making Proceedings was published in the Register on March 3, 1997.

Proposed Effective Date: August 1, 1998

A Public Hearing will be conducted at 9:30 a.m. on December 12, 1997 at the Well-Spring Retirement Community Inc, Auditorium, 4100 Well Spring Drive, Greensboro, NC 27410.

Reason for Proposed Action: Chapter 131E, Article 7 authorizes the Medical Care Commission to establish rules for ambulance services including vehicles and personnel. This is the first comprehensive review of these rules since 1989. These amendments are necessary to update the rules to reflect current emergency medical practice.

Comment Procedures: Persons who wish to make written or verbal comment regarding these proposed amendments should contact: Mr. Ed Seagroves, Disaster & Special Projects Coordinator, NC Office of Emergency Medical Services, PO Box 29530, Raleigh, North Carolina 27626-0530, Tele: (919) 733-2285, Fax: (919) 733-7021. Verbal and written comments will be received through the date of the public hearing. Persons are encouraged to submit written comments by September 2, 1997 to allow adequate time for review and consideration by the Commission.

Fiscal Note: These Rules do affect the expenditures or revenues of state and local government funds. These Rules do not have a substantial economic impact of at least five million dollars (\$5,000,000) in a 12-month period.

CHAPTER 3 - FACILITY SERVICES

SUBCHAPTER 3D - RULES AND REGULATIONS GOVERNING AMBULANCE SERVICE

SECTION .0800 - DEFINITIONS

.0801 AMBULANCE AND BASIC LIFE SUPPORT (BLS) PROFESSIONAL

(a) Definitions used in this Subchapter will be in accordance with those found in G.S. 131E-155. ~~incorporated by reference according to G.S. 150B-14(c) and as follow:~~

(b) An ambulance must have a permit issued by the Department of Human Resources, Division of Facility Services, Office of Emergency Medical Services in one of the following categories:

- (1) "Category I Ambulance" means an emergency ambulance used to transport patients with emergency traumatic or medical conditions or patients for which the need for emergency medical care is anticipated either at the scene of the emergency or enroute to a medical facility. Category I ambulances may be used to transport all types of patients.
- (2) "Category II Ambulance" means an ambulance used solely to transport sick or infirm patients, having a known, non-emergency medical condition, on a scheduled basis between facilities or between a residence and a facility. Category II ambulances must not be used to transport patients defined under any other category of ambulance.
- (3) "Category III Ambulance" means an emergency ambulance specifically designed and equipped to transfer critically ill patients from one medical facility to another or as ground support to a permitted air ambulance program. The patient care compartment of Category III ambulances must be staffed by appropriately certified or licensed personnel approved for the mission by the program medical director. Category III ambulances must be utilized as part of an organized critical care transport program and may not be used in place of any other category of ambulance defined in this Subchapter.
- (4) "Category IV Ambulance" means an ambulance specifically designed and equipped to transport patients by air. The patient care compartment of Category IV ambulances must be staffed by appropriately certified or licensed personnel approved for the mission by the program medical director. Category IV ambulances must be operated as either:
 - (A) Part of an approved mobile intensive care program and must comply with the criteria as outlined in 21 NCAC 32H; or
 - (B) Part of an air ambulance program which complies with 21 NCAC 32H .1004.
- (5) "Category V Ambulance" means a watercraft specifically designed and equipped to routinely transport patients.

(c) The term "field technician" "Basic Life Support (BLS) professional" means a certified ambulance attendant or emergency medical technician.

Authority G.S. 131E-157(a); 131E-159(b).

0802 CERTIFIED EMT INSTRUCTOR

The term "qualified "certified Emergency Medical Technician (EMT) instructor" means a person who instructs or coordinates emergency medical services (EMS) training educational programs and continuing education programs who meets the criteria defined in Rule .1202 of this Subchapter.

Authority G.S. 131E-159(b).

0803 APPROVED TEACHING INSTITUTION

The term "approved teaching institution" means any agency with a current memorandum of agreement contract with the Office of Emergency Medical Services to provide emergency medical services training educational programs. Approved teaching institutions must meet the criteria found in Rule .1201 of this Subchapter.

Authority G.S. 131E-159(b).

0806 MEDICAL CREW MEMBER

The term "medical crew member" means a physician, registered nurse, EMT-paramedic, EMT-advanced intermediate, EMT-intermediate, EMT-defibrillation technician or EMT who holds a current North Carolina license or certification and who has completed additional training in altitude physiology, EMS communications, in-flight emergencies, and aircraft and flight safety conducted under the direct guidance of the medical director for the program in which he functions.

Authority G.S. 131E-157(a).

SECTION .0900 - VEHICLES

0901 INTERIOR DIMENSIONS

(a) Any vehicle issued a permit as a Category I Category I, Category II, or Category III ambulance must have the following minimum patient compartment interior dimensions:

- (1) The length, measured on the floor from the back of the driver's compartment, driver's seat or partition to the inside edge of the rear loading doors, must be at least ~~108~~ 102 inches.
- (2) The width of the compartment after cabinet and cot installation must provide at least 11 inches of clear aisle walkway between the primary cot and the squad bench, a second cot or curbside wall of the vehicle.
- (3) The height must be at least ~~52~~ 48 inches over the patient area, measured from the approximate center of the floor, exclusive of cabinets or equipment.

(b) Any vehicle issued a permit as a Category II ambulance

to an ambulance provider must have the following minimum patient compartment interior dimensions:

- (1) ~~The length, measured on the floor from the back of the driver's compartment, driver's seat, or partition to the inside edge of the rear loading doors must be at least 102 inches.~~
- (2) ~~The width of the compartment after cabinet and cot installation must provide for at least 11 inches of clear aisle walkway between the cot and the squad bench, a second cot or the curbside wall of the vehicle.~~
- (3) ~~The height must be at least 48 inches over the patient area measured from the approximate center of the floor, exclusive of cabinets or equipment.~~

(c) (b) Category IV ambulances must have:

- (1) A patient care area sufficiently isolated from the cockpit to minimize inflight distractions and interference while providing sufficient working space to render patient care; and
- (2) Door openings of sufficient size to permit the safe loading and unloading of a person occupying a litter.

(d)(c) Category V ambulances must have a patient care area which:

- (1) Provides access to the head, torso, and lower extremities of the patient while providing sufficient working space to render patient care;
- (2) Is covered to protect the patient and the technician from the elements; and
- (3) Has an opening of sufficient size to permit the safe loading and unloading of a person occupying a litter.

Authority G.S. 131E-157(a).

.0902 INSPECTION CERTIFICATE

Any vehicle issued a permit as a Category I, II, or III ambulance must have a current safety equipment inspection certificate issued by the North Carolina Division of Motor Vehicles.

Authority G.S. 131E-157(a).

.0904 VEHICLE BODY

The ambulance vehicle body must be free from defects that could adversely affect the safe operation of the vehicle. The ambulance is not to have structural or functional defects which may adversely affect the patient, the technicians, and/or the safe operation of the vehicle.

Authority G.S. 131E-157(a).

.0905 OXYGEN CYLINDERS

Oxygen cylinders used in ambulance vehicles must bear static pressure date and must be replaced or refilled as soon as possible after use.

Authority G.S. 131E-157(a).

.0907 DOORS

All doors leading into passenger and patient compartment must open properly and close securely with all hardware working properly.

Authority G.S. 131E-157(a).

.0908 WINDOWS

Windows and windshield must be clear and free of cracks.

Authority G.S. 131E-157(a).

.0909 REAR-VIEW MIRROR

Rear-view mirror utilized in Category I, H, or HH ambulances must be free of cracks and blemishes.

Authority G.S. 131E-157(a).

.0911 SPARE TIRE

Ambulance vehicles issued permits as Category I, H, or HH must carry a serviceable spare tire and equipment to change a flat tire or unserviceable tire. An acceptable alternative to this requirement is an immediately available service vehicle or a plan for the immediate dispatch of another ambulance.

Authority G.S. 131E-157(a).

.0913 PERMIT

(a) The ambulance permit must include the following information:

- (1) vehicle identification number;
- (2) permit number;
- (3) ambulance provider identification number;
- (4) identification of inspector; and
- (5) expiration date.

(b) No person shall display or cause to be displayed or permit to be displayed or to knowingly possess, transfer, remove, imitate, or reproduce an ambulance permit, except by direction of the Office of Emergency Medical Services.

(c) An ambulance shall be permitted in only one category.

(d) Any vehicle permitted as a Category I Ambulance must contain all equipment required in 10 NCAC 3D .1001(a), .1002, .1003(a), and ~~H03~~ .1103 of this Subchapter.

(e) Any vehicle permitted as a Category I Ambulance which operates as a Mobile Intensive Care Unit as defined in 10 NCAC 3M .0102, .0103, ~~0105~~, or .0107 must contain all equipment required in 10 NCAC 3M .0202, .0203, ~~0205~~, or .0207.

(f) Each EMS provider must ensure that, at a minimum, 80% of the vehicles permitted as Category I Ambulances and which may operate as a Mobile Intensive Care unit must contain all appropriate equipment and supplies specified in 10 NCAC 3M .0202-.0207. Any vehicle permitted as a Category V Ambulance must contain all equipment required in Rules .1001(h) and .1003(e) of this Subchapter.

(g) Any vehicle permitted as a Category V Ambulance which operates as a Mobile Intensive Care Unit as defined in 10

NCAC 3M .0102, .0103, or .0107 must contain all equipment required in 10 NCAC 3M .0202, .0203, or .0207.

(h) Each licensed ambulance provider planning to operate permitted ambulances at an ALS level must first meet the minimum permitting requirements for BLS operation for all ambulances to be ALS permitted. The licensed ambulance provider must provide for inspection the number of ALS equipment/supplies/medications packages in accordance with the approved protocols for that provider. The licensed ambulance provider can not unless under disaster circumstances operate more permitted ambulances at an ALS level at any time than the approved number of ALS packages.

Authority G.S. 131E-157(a).

.0915 AMBULANCE LETTERING: MARKINGS: SYMBOLS AND EMBLEMS

(a) Each ambulance must have the name of the ambulance provider permanently displayed on each side of the vehicle in letters at least three inches high. vehicle.

(b) Category II ambulances must have the words "CONVALESCENT AMBULANCE" permanently lettered on both sides and on the rear of the vehicle body in at least five inch letters. body.

(c) Category II ambulances may not use emergency medical symbols, such as the Star of Life, block design cross, or any other medical markings, symbols, or emblems, including the word "EMERGENCY," on the vehicle or in any advertisement, publication, or literature pertaining to Category II ambulance services.

Authority G.S. 131E-157(a).

.0916 GENERAL AMBULANCE REQUIREMENTS

The interior of the ambulance and the equipment within the ambulance shall be free from dirt, contamination, or impurities ~~and shall work properly. The exterior of the ambulance and the patient area of the ambulance, to include interior and equipment surfaces is to be maintained in a clean manner and to be managed at all times in accordance with the locally approved infection control policy. Provisions are to be available for the storage of both stocked medical supplies and bedding materials as well as for soiled supplies. The base station(s)'s storage facilities for items to be restocked on the ambulances are to be kept clean and organized so as to permit effective cleaning.~~

Authority G.S. 131E-157(a).

.0917 EQUIPMENT

Equipment shall be of smooth construction for ease of cleaning.

Authority G.S. 131E-157(a).

.0918 LINEN

(a) ~~Freshly laundered linen or disposable linen shall be used on cots and pillows and linen shall be changed after each patient~~

transported.

(b) Clean linen storage shall be provided on each ambulance.

Authority G.S. 131E-157(a).

0919 MEDICAL SUPPLIES

Closed compartments shall be provided within the ambulance for medical supplies.

Authority G.S. 131E-157(a).

0920 PILLOWS AND MATTRESSES

Pillows and mattresses shall be kept clean and in good repair.

Authority G.S. 131E-157(a).

0921 SOILED SUPPLIES

Closed containers shall be provided for soiled supplies.

Authority G.S. 131E-157(a).

0922 SURFACES

Exterior and interior surfaces of ambulance shall be cleaned daily.

Authority G.S. 131E-157(a).

0923 BLANKETS AND HAND TOWELS

Blankets and hand towels used in any ambulance shall be clean.

Authority G.S. 131E-157(a).

0924 IMPLEMENTS INSERTED IN NOSE OR MOUTH

(a) Implements inserted into the patient's nose or mouth shall be single-service, wrapped and properly stored and handled.

(b) When multi-use items are used, the local health care facilities or County Health Department shall be consulted for instructions in sanitation and handling of such items.

Authority G.S. 131E-157(a).

0925 INFECTIOUS DISEASE

When an ambulance has been utilized to transport a patient known to the licensed ambulance providers to have a communicable disease as defined in G.S. 130A-133(1), it is the responsibility of the licensed ambulance provider to ensure that the ambulance, including its equipment and supplies, is taken out of service until appropriately cleansed and disinfected according to local infection control policy.

Authority G.S. 131E-157(a).

0926 STORAGE

(a) All storage spaces used for storage of linens, equipment,

medical supplies and other supplies at base stations shall be kept clean.

(b) The contents shall be arranged so as to permit thorough cleaning.

Authority G.S. 131E-157(a).

SECTION .1000 - AMBULANCE EQUIPMENT

.1001 MEDICAL AND RELATED EQUIPMENT

(a) Except as allowed by .0913(e) and (f) (h) of these Rules, category I ambulances for which permits are issued shall contain at least the following operational and functional equipment exclusive of personal equipment carried by emergency medical technicians and ambulance attendants:

- (1) One portable aspirator capable of a minimum vacuum of 300 millimeters of mercury and a minimum air flow rate of 16 liters per minute with rapid drawdown time. A minimum of three, single use, non-opaque, one piece, rigid suction instruments or appropriate replacement containers for manually operated devices and a suction rinsing water bottle must be supplied with this either unit;
- (2) One each portable squeeze bag ventilation unit (bag and mask) in adult and child adult, child, and infant sizes with transparent face mask capable of operation down to zero degrees fahrenheit and an attachment for oxygen hookup. A minimum of two one transparent, flexible, disposable oxygen supply tubes tube must be supplied with each unit;
- (3) Six nonmetallic, oropharyngeal airways sanitarly stored together in separate sizes ranging from 55 millimeters through 115 millimeters;
- (4) One bite stick either commercially manufactured or made of three tongue blades taped together and padded;
- (5)(4) One portable oxygen unit consisting of the following components: 360 liter (D size) or larger oxygen cylinder; yoke regulator with cylinder contents gauge (2000 pounds per square inch) and gravity or non-gravity dependent flow gauge (0-12 liters per minute minimum); a minimum of three transparent, nasal cannulas in adult and child sizes; and a minimum of three each, adult and child, disposable, transparent, oxygen masks with delivery tubes and headband. A full spare cylinder (D size) or larger of oxygen for this unit shall be furnished and stored on the ambulance vehicle; oxygen tanks must show date of last static test;
- (6)(5) One Two small, one two medium, and one two large size adult extrication collar collars and one two pediatric size extrication collar; collars;
- (7)(6) One rigid short backboard. The minimum size must be 14 inches wide by 32 inches long. A stabilization device which is of the design to allow horizontal flexibility and vertical rigidity, equipped with chest

and leg straps and accessories for stabilization of the head and neck may be substituted for the rigid short backboard;

- (8)(7) ~~One~~ Two rigid long ~~backboard~~ backboards a minimum of 16 inches wide by 72 inches long with two straps each for patient stabilization and other accessories for stabilization of the head and neck;
- (9)(8) ~~Two sets of each~~ rigid padded board splints in the following sizes; 3 inches wide by 15 inches long, 3 inches wide by 3 feet long, and 3 inches wide by 4-1/2 feet long. Other splints, in kit form, of inflatable design or rigid laminated and high density polyurethane foam construction are acceptable. A kit must contain at least two full leg and two full arm splints;
- (10)(9) One child and one adult size lower extremity traction splint with appropriate attachments;
- (11) ~~Two sandbags constructed of a nonporous material for immobilization purposes. Minimum size must be 2 inches by 4 inches by 12 inches. A head immobilizer may be substituted for sandbags;~~
- (12)(10) Twelve 4 inch by 4 inch sterile gauze pads individually packaged;
- (13)(11) Six sterile 5 inch by 9 inch or larger absorbent dressings individually wrapped;
- (14)(12) Twelve rolls of roller gauze;
- (15)(13) Four rolls of adhesive tape;
- (16)(14) ~~Four~~ Two sterile nonadhering, nonporous dressings for an open chest wound. Minimum size shall be 3 inches by 8 inches;
- (17)(15) Six triangular bandages;
- (18)(16) ~~Two pairs~~ One pair of 5-1/2 inches bandage shears;
- (19)(17) Two ~~sterile~~ burn sheets, minimum size of 40 inches by 72 inches;
- (20)(18) A total of ~~2000~~ 1000 cubic centimeters of sterile irrigating solution in plastic containers in addition to the fluids carried for intravenous use;
- (21)(19) One emesis ~~basin~~, basin, or sealable emesis container;
- (22)(20) One obstetrical kit containing gloves, scissors or surgical blades, umbilical cord clamps or tapes, dressings, towels, perinatal pad, a bulb syringe, and a receiving blanket;
- (23) ~~One poison antidote kit containing syrup of ipecac, activated charcoal and a means of administering the proper dosage;~~
- (24)(21) One each small, regular and large size aneroid or electronic blood pressure cuff and adult and pediatric stethoscopes. One stethoscope with adult and pediatric attachments is acceptable;
- (25)(22) One sheet of rubber or heavy plastic, minimum size of 36 inches by 72 inches, or one body bag;
- (26)(23) One four wheeled, elevating cot with a minimum three inch thick mattress pad with a nonporous cover. The cot must be equipped with restraining straps (chest and thigh area) of at least two inches in width (chest and thigh area). A crash stable fastener

installed per the cot manufacturer's instructions and compatible with the model cot furnished must secure the specified cot to the floor or side wall;

- (27) ~~One additional stretcher with patient restraining straps and capable of being secured inside the patient compartment;~~
 - (28)(24) Two sets of clean cot linen constructed of washable or disposable material in addition to a set on the cot (a set equals two sheets and one pillowcase);
 - (29)(25) Two pillows covered with a nonporous material;
 - (30)(26) Two blankets constructed of washable material; and
 - (31)(27) One child restraint device to safely transport pediatric patients in the patient compartment of the ambulance.
- (b) Category II ambulances for which permits are issued shall contain at least the following operational and functional equipment exclusive of personal equipment carried by personnel:
- (1) One portable aspirator capable of a minimum vacuum of 300 millimeters of mercury and a minimum air flow rate of 16 liters per minute with rapid drawdown time. A minimum of three, single use, non-opaque, one piece, rigid suction instruments or appropriate replacement collection containers for manually operated devices and a suction rinsing water bottle must be supplied with this either unit;
 - (2) One each portable squeeze bag ventilation unit (bag and mask) in adult and child adult, child, and infant sizes with transparent face mask capable of operation down to zero degrees fahrenheit and an attachment for oxygen hookup. A minimum of two one transparent, flexible, disposable oxygen supply tubes tube must be supplied with each unit;
 - (3) Six nonmetallic, oropharyngeal airways sanitarly stored together in separate sizes ranging from 55 millimeters through 115 millimeters;
 - (4) ~~One bite stick either commercially manufactured or made of three tongue blades taped together and padded;~~
 - (5)(4) One portable oxygen unit consisting of the following components: 360 liter (D size) or larger oxygen cylinder; yoke regulator with cylinder contents gauge (2000 pounds per square inch) and gravity or non-gravity dependent flow gauge (0-12 liters per minute); a minimum of three transparent, nasal cannulas in adult and child sizes; and a minimum of three each, adult and child, disposable, transparent oxygen masks with delivery tubes and headband. A full spare cylinder (D size) or larger of oxygen for this unit shall be furnished and stored on the ambulance vehicle; oxygen tanks must show date of last static test;
 - (6)(5) ~~Twelve~~ four Six 4 inch by four 4 inch sterile gauze pads individually packaged;
 - (7)(6) ~~Six~~ Three sterile five 5 inch by nine 9 inch absorbent dressings individually wrapped;
 - (8)(7) Six rolls of roller gauze;

- (9)(8) Two rolls of adhesive tape;
- (10) ~~Three triangular bandages;~~
- (11)(9) ~~Two pairs One pair of five and one-half inches bandage shears;~~
- (10) One emesis ~~basin;~~ basin, or sealable emesis container;
- (11) One each small, regular and large size aneroid ~~or electronic~~ blood pressure cuff and adult and pediatric stethoscopes. One stethoscope with adult and pediatric attachments is acceptable;
- (12) One four wheeled, elevating cot with a ~~minimum three inch thick mattress~~ pad with a nonporous cover. The cot must be equipped with restraining straps ~~(chest and thigh area) of at least two inches in width. (chest and thigh area).~~ A crash stable fastener installed per the cot manufacturer's instructions and compatible with the model cot furnished must secure the specified cot to the floor or side wall;
- (13) Two sets of clean cot linen constructed of washable or disposable material in addition to a set on the cot (a set equals two sheets and one pillowcase);
- (14) Two pillows covered with a nonporous material;
- (15) Two blankets constructed of washable material; and
- (16) A firm board of minimum size 14 inches by 32 inches to support the back during manual heart ~~compressions; and compressions.~~
- (19) ~~One child restraint device to safely transport pediatric patients in the patient compartment of the ambulance.~~
- (c) Category III ambulances for which permits are issued must have the following operational and functional medical equipment immediately available to be placed loaded within five minutes on the vehicle:
- (1) One portable aspirator capable of a minimum vacuum of 300 millimeters of mercury and a minimum air flow rate of 16 liters per minute with rapid drawdown time. A minimum of three, single use, non-opaque, one piece, rigid suction instruments or appropriate collection containers for manually operated devices and a suction rinsing water bottle must be supplied with this either unit;
- (2) One each portable squeeze bag ventilation unit (bag and mask) in ~~adult and child~~ adult, child, and infant sizes with transparent face mask capable of operation down to zero degrees fahrenheit and an attachment for oxygen hookup. A minimum of ~~two one~~ transparent, flexible, disposable oxygen supply ~~tubes tube~~ must be supplied with each unit;
- (3) Six nonmetallic, oropharyngeal airways sanitarly stored together in separate sizes ranging from 55 millimeters through 115 millimeters;
- (4) ~~One bite stick either commercially manufactured or made of three tongue blades taped together and padded;~~
- (5)(4) One portable oxygen unit consisting of the following components: 360 liter (D size) or larger oxygen cylinder; yoke regulator with cylinder contents gauge (2000 pounds per square inch) and gravity or non-gravity dependent flow gauge (0-12 liters per minute); a minimum of three transparent, nasal cannulas in adult and child sizes; and a minimum of three each, adult and child, disposable, transparent, oxygen masks with delivery tubes and headband. A full spare cylinder (D size) or larger of oxygen for this unit shall be furnished and stored on the ambulance vehicle; ~~oxygen tanks must show date of last static test;~~
- (6)(5) Twelve ~~four 4~~ inch by ~~four 4~~ inch sterile gauze pads individually packaged;
- (7)(6) Six sterile ~~five 5~~ inch by ~~nine 9~~ inch absorbent dressings individually wrapped;
- (8)(7) Six rolls of roller gauze;
- (9)(8) Two rolls of adhesive tape;
- (10) ~~Three triangular bandages;~~
- (11)(9) ~~Two pairs One pair of five and one-half inches bandage shears;~~
- (12)(10) One emesis ~~basin;~~ basin, or sealable emesis container;
- (13)(11) Two ~~sterile~~ burn sheets, minimum size of 40 inches by 72 inches;
- (14)(12) A total of ~~2000~~ 1000 cubic centimeters of sterile irrigating solution in plastic containers in addition to the fluids carried for intravenous use;
- (15)(13) One obstetrical kit containing gloves, scissors or surgical blades, umbilical cord clamps or tapes, dressings, towels, perinatal pad, a bulb syringe, and a receiving blanket;
- (16) ~~One poison antidote kit containing syrup of ipecac, activated charcoal and a means of administering the proper dosage;~~
- (17)(14) One each small, regular and large size aneroid ~~or electronic~~ blood pressure cuff and adult and pediatric stethoscopes. One stethoscope with adult and pediatric attachments is acceptable;
- (18)(15) One four wheeled, elevating cot with a ~~minimum three inch thick mattress~~ pad with a nonporous cover. The cot must be equipped with restraining straps ~~(chest and thigh area) of at least two inches in width. (chest and thigh area).~~ A crash stable fastener installed per the cot manufacturer's instructions and compatible with the model cot furnished must secure the specified cot to the floor or side wall. A self contained transport incubator with stand and capable of being secured in the ambulance may be substituted;
- (19)(16) Two sets of clean cot linen constructed of washable or disposable material in addition to a set on the cot (a set equals two sheets and one pillowcase);
- (20) ~~Two pillows covered with a nonporous material;~~
- (21)(17) Two blankets constructed of washable material; and
- (22)(18) A firm board of minimum size 14 inches by 32 inches to support the back during manual heart

compressions; and compressions.

- (23) ~~One child restraint device to safely transport pediatric patients in the patient compartment of the ambulance.~~

(d) Category IV ambulances for which permits are issued must have the following medical equipment ~~immediately~~ available to be ~~placed~~ loaded within five minutes on the aircraft:

- (1) One vehicular mounted and one portable aspirator with rapid drawdown time capable of providing a minimum vacuum of 300 millimeters of mercury and a minimum air flow rate of 16 liters per minute up to the maximum operating altitude of the aircraft. A minimum of three, single use, non-opaque, one piece, rigid suction instruments or appropriate collection containers for manually operated devices and a suction rinsing water bottle must be supplied with this either unit;
- (2) One each portable squeeze bag ventilation unit (bag and mask) in ~~adult and child~~ adult, child, and infant sizes with transparent face mask capable of operation down to zero degrees fahrenheit and an attachment for oxygen hookup. A minimum of ~~two~~ one transparent, disposable oxygen supply ~~tubes~~ tube must be supplied with each unit;
- (3) Six nonmetallic, oropharyngeal airways sanitarly stored together in separate sizes ranging from 55 millimeters through 115 millimeters;
- (4) ~~One bite stick either commercially manufactured or made of three tongue blades taped together and padded;~~
- (5)(4) Oxygen unit containing a quantity of oxygen sufficient to supply an appropriate flow rate for the period of time it is anticipated oxygen will be needed, but not less than ten liters per minute for 30 minutes. The oxygen shall be carried in two separate containers, one of which must be portable. The portable oxygen unit shall have a yoke regulator with cylinder contents gauge, flow gauge, and DISS outlets;
- (6)(5) Twelve ~~four~~ 4 inch by ~~four~~ 4 inch sterile gauze pads individually packaged;
- (7)(6) Six sterile ~~five~~ 5 inch by ~~nine~~ 9 inch absorbent dressings individually wrapped;
- (8)(7) Twelve rolls of roller gauze;
- (9)(8) Four rolls of adhesive tape;
- (10)(9) ~~Four~~ Two sterile nonadhering, nonporous dressings for an open chest wound. Minimum size shall be 3 inches by 8 inches;
- (11)(10) Six triangular bandages;
- (12)(11) Two ~~sterile~~ burn sheets, minimum size of 40 inches by 72 inches;
- (13)(12) A total of ~~2000~~ 1000 cubic centimeters of sterile irrigating solution in plastic containers in addition to the fluids carried for intravenous use;
- (14)(13) One emesis ~~basin;~~ basin, or sealable emesis container;

- (15)(14) ~~One~~ Two IV pressure ~~bag;~~ bags;

- (16)(15) An electronic means of measuring blood pressure while in flight;

- (17)(16) One stethoscope and manual blood pressure cuff;

- (18)(17) One ECG ~~monitor/defibrillator;~~ monitor/defibrillator/pacer;

- (19)(18) One complete kit for endotracheal intubation;

- (20)(19) One litter and attachment for securing the litter to the airframe inside the cabin of the aircraft. The litter must allow for elevation of the patient's head;

- (21)(20) One blanket constructed of washable material; and

- (22) ~~Four air sick bags;~~ and

- (23)(21) ~~Four~~ Three IV hooks.

(e) The medical director shall decide the combination of medical equipment specified in Paragraph (d) of this Rule that is carried on a mission based on what is in the best interest of patient care.

(f) All rotary wing aircraft permitted as a Category IV ambulance must have the following flight equipment operational in the aircraft:

- (1) Two 360 channel VHF aircraft frequency transceivers;
- (2) One VHF omnidirectional ranging (VOR) receiver;
- (3) Attitude indicators;
- (4) One nondirectional beacon (NDB) receiver;
- (5) One glide scope receiver;
- (6) One transponder with 4097 code, Mode C;
- (7) Turn and slip indicator in the absence of three attitude indicators;
- (8) Current FAA approved navigational aids and charts for the area of operations;
- (9) Radar altimeter; and
- (10) ~~Loran navigational system.~~ LORAN-C or Satellite Global Navigational system.

(g) Any fixed wing aircraft issued a permit as a Category IV ambulance must have a current "Instrument Flight Rules" certification.

(h) Category V ambulances for which permits are issued shall contain at least the following operational and functional equipment exclusive of personal equipment carried by personnel:

- (1) One portable aspirator capable of a minimum vacuum of 300 millimeters of mercury and a minimum air flow rate of 16 liters per minute with rapid drawdown time. A minimum of three, single use, non-opaque, one piece, rigid suction instruments or appropriate collection containers for manually operated devices and a suction rinsing water bottle must be supplied with this either unit;
- (2) One each portable squeeze bag ventilation unit (bag and mask) in ~~adult and child~~ adult, child, and infant sizes with transparent face mask capable of operation down to zero degrees fahrenheit and an attachment for oxygen hookup. A minimum of ~~two~~ one transparent, flexible, disposable oxygen supply ~~tubes~~ tube must be supplied with each unit;
- (3) Six nonmetallic, oropharyngeal airways sanitarly

stored together in separate sizes ranging from 55 millimeters through 115 millimeters;

(4) ~~One bite stick either commercially manufactured or made of three tongue blades taped together and padded;~~

(5)(4) One portable oxygen unit consisting of the following components: 360 liter (D size) or larger oxygen cylinder; yoke regulator with cylinder contents gauge (2000 pounds per square inch) and gravity or non-gravity dependent flow gauge (0-12 liters per minute); a minimum of three transparent, nasal cannulas in adult and child sizes; and a minimum of three each, adult and child, disposable, transparent, oxygen masks with delivery tubes and headband. A full spare cylinder (D size) or larger of oxygen for this unit shall be furnished and stored on the ambulance vehicle; ~~oxygen tanks must show date of last static test;~~

(6)(5) ~~One Two~~ small, ~~one two~~ medium, and ~~one two~~ large size adult extrication ~~collar collars~~ and ~~one two~~ pediatric size extrication ~~collar; collars;~~

(7)(6) One rigid short backboard. The minimum size must be 14 inches wide by 32 inches long. A stabilization device which is of the design to allow horizontal flexibility and vertical rigidity, equipped with chest and leg straps and accessories for stabilization of the head and neck may be substituted for the rigid short backboard;

(8)(7) ~~One Two~~ floatable rigid long ~~backboard backboards~~ a minimum of 16 inches wide by 72 inches long with two straps each for patient stabilization and other accessories for stabilization of the head and neck;

(9)(8) Two ~~sets of each~~ rigid padded board splints in the following sizes; three inches wide by 15 inches long, three inches wide by three feet long, and three inches wide by four and one-half feet long. Other splints, in kit form, of inflatable design or rigid laminated and high density polyurethane foam construction are acceptable. A kit must contain at least two full leg and two full arm splints;

(10)(9) One child and one adult size lower extremity traction splint with appropriate attachments;

(11) ~~Two sandbags constructed of a nonporous material for immobilization purposes. Minimum size must be two inches by four inches by 12 inches. A head immobilizer may be substituted for sandbags;~~

(12)(10) Twelve ~~four 4~~ inch by ~~four 4~~ inch sterile gauze pads individually packaged;

(13)(11) Six sterile ~~five 5~~ inch by ~~nine 9~~ inch or larger absorbent dressings individually wrapped;

(14)(12) Twelve rolls of roller gauze;

(15)(13) Four rolls of adhesive tape;

(16)(14) ~~Four Two~~ sterile nonadhering, nonporous dressings for an open chest wound. Minimum size shall be three inches by eight inches;

(17)(15) Six triangular bandages;

(18)(16) ~~Two pairs One pair~~ of five and one-half inches bandage shears;

(19)(17) Two sterile burn sheets, minimum size of 40 inches by 72 inches;

(20)(18) A total of ~~2000~~ 1000 cubic centimeters of sterile irrigating solution in plastic containers in addition to the fluids carried for intravenous use;

(21)(19) One emesis ~~basin; basin, or sealable emesis container;~~

(22)(20) One obstetrical kit containing gloves, scissors or surgical blades, umbilical cord clamps or tapes, dressings, towels, perinatal pad, a bulb syringe, and a receiving blanket;

(23) ~~One poison antidote kit containing syrup of ipecac, activated charcoal and a means of administering the proper dosage;~~

(24)(21) One each small, regular and large size aneroid or electronic blood pressure cuff and adult and pediatric stethoscopes. One stethoscope with adult and pediatric attachments is acceptable;

(25)(22) One ~~sheet of rubber or heavy plastic, minimum size of 36 inches by 72 inches, or one~~ body bag;

(26)(23) One additional floatable litter with patient restraining straps and capable of being secured to the watercraft; and

(27)(24) Two blankets constructed of washable material.

Authority G.S. 131E-157(a).

1002 EXTRICATION AND ACCESS EQUIPMENT

Category I ambulances for which permits are issued must contain at least the following equipment:

- (1) ~~One ten-inch adjustable open end wrench;~~
- (2) ~~One screwdriver with flat blade;~~
- (3) ~~One screwdriver with Phillips blade;~~
- (4) ~~One hacksaw with a minimum of six blades;~~
- (5) ~~One four-pound hammer with 15-inch handle;~~
- (6) ~~One pair of pliers, ten-inch vise-grip;~~
- (7) ~~One 24-inch wrecking bar;~~
- (8) ~~One 48-inch crowbar with pinch point;~~

- (9)(1) Two pair heavy duty work gloves;
- (10)(2) Two pair OSHA approved safety glasses; and
- (11)(3) Two OSHA approved safety helmets.

Authority G.S. 131E-157(a).

1003 OTHER EQUIPMENT

(a) Ambulances for which permits are issued as Category I, II, or III must have at least the following:

- (1) ~~One Two~~ operational ~~flashlight; flashlights;~~
- (2) A ~~two and one-half five~~ pound fire extinguisher which must be a dry chemical or ~~halogen~~, all-purpose type with a pressure gauge and approved by Underwriters Laboratories and U.S. Department of Transportation and must be mounted in a quick-release bracket;

- (3) "No Smoking" signs placed in cab or cabin and patient compartments; and
- (4) Electric lights to illuminate the patient compartment which are designed and located so that no glare is reflected into the driver's eyes or line of vision.

(b) ~~Institutions or organizations which operate Category IV ambulances within the State of North Carolina shall be defined as Air Taxi Operators under Part 135 of Title XIV or Part 91 of the Federal Aviation Administration's Rules governing air operations and as such must hold a current certificate under these rules.~~ In addition to the equipment required under this certification:

- (1) All Category IV ambulances must be equipped with an internal voice communication system to allow for communication between the medical crew and the flight crew; and
- (2) All rotary wing Category IV ambulances must be equipped with:
 - (A) An external public address system;
 - (B) A remote control external search light; and
 - (C) A light which illuminates the tail rotor.

(c) Institutions or organizations which operate Category IV ambulances must submit to the Division of Facility Services, Office of Emergency Medical Services: Services documentation that operation is coordinated with the local EMS system.

- (1) ~~Copy of current Federal Aviation Administration Part 135 or 91 Certificate. A copy of this document is available for review at the Division of Facility Services, Office of Emergency Medical Services, located at 701 Barbour Drive, Raleigh, North Carolina or copies may be obtained by contacting the Superintendent of Documents, U.S. Government Printing Office, Washington, D.C. 20402; and~~
- (2) ~~Documentation that operation is coordinated with the local EMS system.~~

(d) In addition to that required in Paragraph (b) of this Rule, Category IV ambulances approved under Rule .0801(b)(4)(B) of these rules must be equipped with: A two-way voice radio licensed by the Federal Communications Commission capable of operation on any frequency required in the Public Safety Radio Service or Special Emergency Radio Service to allow communications on an as needed basis with public safety agencies such as fire departments, police departments, ambulance and rescue units, hospitals and local government agencies.

(e) In addition to that required in Paragraph (a) of this Rule, Category V ambulances must be equipped with: with the following operational and functional equipment.

- (1) Two floatable ~~operational~~ flashlights;
- (2) Two five pound fire extinguishers which must be a dry chemical, all-purpose type with a pressure gauge and approved by Underwriters Laboratories and U.S. Department of Transportation and must be mounted in a quick-release bracket;
- (3) Lighted compass;
- (4) Radio navigational aids as ADF (automatic directional finder) or LORAN-C, Satellite Global

Navigational system, navigational radar, or other comparable radio equipment suited for water navigation; and

- (5) Marine radio.

~~(f) Institutions or organizations which operate Category V ambulances within the State of North Carolina must comply with all provisions of Chapter 75A Article 1 (Boating Safety Act) of the North Carolina General Statutes including all rules established by the North Carolina Wildlife Resource Commission under the authority of these statutes.~~

Authority G.S. 131E-157(a).

.1004 WEAPONS AND EXPLOSIVES FORBIDDEN

(a) Weapons as defined by the local county district attorney's office and explosives shall not be worn or carried aboard an ambulance vehicle within the State of North Carolina when such ambulance vehicle is operating in any patient transport capacity or is available for such transport function.

(b) This Rule shall apply whether or not such weapons and explosives are concealed or visible.

(c) This Rule shall not apply to duly appointed law enforcement ~~officers who are serving in an authorized law enforcement capacity while a passenger, occupant or attendant on an ambulance vehicle.~~ officers.

(d) Safety flares are authorized for use on ambulance vehicles with the following restrictions:

- (1) These devices are not stored inside the patient compartment of the ambulance vehicle;
- (2) These devices must be packaged and stored so as to prevent accidental discharge or ignition.

Authority G.S. 131E-157(a).

SECTION .1100 - COMMUNICATIONS

.1103 EQUIPMENT

Each ambulance shall be equipped with a two-way radio capable of establishing radio communications from within the ambulance service area of the county in which the ambulance is based to the county designated dispatch coordination center in that county and to the emergency department of the hospital(s) to which patients are routinely transported. The radio shall be licensed by the Federal Communications Commission (FCC).

- (1) For an ambulance permitted as a Category I ambulance as defined in Rule .0801(b)(1) or a Category III ambulance as defined in Rule .0801(b)(3) of this Subchapter, a radio telephone type device such as a cellular telephone cannot be the sole source of two way voice communication.
- (2) A communication instrument such as a cellular telephone capable of rapidly establishing two way voice communication mounted within the driver's compartment or patient treatment compartment used to summon emergency assistance is acceptable as the sole communications device for an ambulance that is

permitted as a Category II ambulance, as defined in Rule .0801(b)(2) of this Subchapter.

Authority G.S. 131E-157(a); 143-509(4).

SECTION .1200 - TRAINING AND PERFORMANCE OF PERSONNEL

1202 CRITERIA FOR CERTIFIED EMT INSTRUCTOR

A qualified certified EMT Instructor as defined in Rule .0802 of this Subchapter shall meet the following criteria:

- (1) Recognition from the Office of Emergency Medical Services that he meets the following Standards of the Certified EMT Instructor/ Coordinator Recognition Program:
 - (a) Current North Carolina certification as an EMT, EMT-defibrillation technician, EMT-intermediate, ~~EMT-advanced intermediate~~, or EMT-paramedic;
 - (b) ~~Two~~ Three years experience within the last five years of direct clinical patient contact in critical or emergency care;
 - (c) ~~Current certification as an American Heart Association or American Red Cross cardiopulmonary resuscitation (CPR) instructor; Documentation of 100 hours of formal, classroom teaching experience;~~
 - (d) Successful completion of the U.S. Department of Transportation's, EMT Instructor Course or equivalent;
 - (e) High school diploma or General Education Development certificate;
 - (f) ~~A lead or assistant instructor for six basic rescuer CPR courses within the last three years; and~~ Current affiliation with an approved teaching institution; and
 - (g) ~~Experience as an instructor for at least three basic EMT courses or complete practice teaching in one basic EMT course under the supervision of an experienced EMT instructor. Be recommended for certification by the approved teaching institution with which the person is affiliated.~~
- (2) Annually attends an EMT Evaluator and Instructor/Coordinator Workshop offered by the Office of Emergency Medical Services.
- (3) Certification shall be valid for a period not to exceed four years.
- (4) To be recertified as an EMT Instructor, a person shall meet the following criteria:
 - (a) Current North Carolina certification as an EMT, EMT-defibrillation technician, EMT-intermediate, or EMT-paramedic;
 - (b) Current direct clinical patient care experience in critical or emergency care;

- (c) Current affiliation with an approved teaching institution; and
- (d) Be recommended for recertification by the approved teaching institution with which the person is affiliated. The recommendation must address the instructional performance of the candidate as well as the number of courses taught during the previous certification period.

Authority G.S. 131E-159(b).

.1203 EDUCATIONAL PROGRAMS

~~A training~~ An educational program intended to qualify personnel as Ambulance Attendants or Emergency Medical Technicians must be approved by the Office of Emergency Medical Services following guidelines established by the Commission and offered by an approved teaching institution.

Authority G.S. 131E-159(b).

.1204 AEROMEDICAL FLIGHT CREW MEMBERS

(a) All flight crew members who operate as the pilot in command and who fly rotary wing aircraft as air ambulances must meet, at a minimum, the following criteria:

- (1) 2,000 hours helicopter flight time;
- (2) Commercial rotocraft certificate;
- (3) Instrument helicopter rating;
- (4) Ten hours additional flight training when making a transition from single to twin engine aircraft;
- (5) Five hours additional flight training when making a transition from one model aircraft to another;
- (6) ~~Ten~~ Four hours flight time orientation of which two should be day time and two should be night time for new pilots if unfamiliar with the program service area including night flights; ~~and area; and~~
- (7) ~~Five~~ Two hours flight time orientation for new pilots if familiar with the program service area including night flights.

(b) All flight crew members ~~and medical crew members, including specialty teams~~ must meet, at a minimum, the following criteria:

- (1) Fly an average of at least five missions per month per six month period or complete refresher training in aircraft safety every six months; and
- (2) Complete refresher training in aircraft safety on an annual basis.

(c) Relief pilots utilized by the program may assume operational duties at the discretion of the Lead Pilot/Aviation Site Manager.

Authority G.S. 131E-159(b).

.1205 AMBULANCE ATTENDANT PERFORMANCE

Ambulance attendants ~~trained~~ educated in approved training programs and certified by the Office of Emergency Medical Services may assist the emergency medical technician in

performing any of the following procedures if allowed by the County Emergency Medical Services System in which they function:

- (1) Patient assessment;
- (2) Basic life support techniques in accordance with the American Heart Association or American Red Cross including airway management and cardiopulmonary resuscitation;
- (3) Hemorrhage control;
- (4) Oxygen administration;
- (5) Treatment for shock;
- (6) Bandaging and dressing soft tissue injuries;
- (7) Splinting fractures and dislocations;
- (8) Treatment of injuries to the skull, spine, and chest;
- (9) Assisting in normal and abnormal childbirth;
- (10) Lifting and moving patients for transfer to a medical facility;
- (11) Treatment of injuries as a result of exposure to heat and cold;
- (12) Treatment of burns; ~~and~~
- (13) Providing of basic life support for medical emergencies; ~~emergencies; and~~
- (14) Use of an automated external defibrillator.

Authority G.S. 131E-159(b).

.1206 EMERGENCY MEDICAL TECHNICIAN PERFORMANCE

Emergency Medical Technicians ~~trained~~ educated in approved ~~training~~ programs and certified by the Office of Emergency Medical Services may perform any of the following procedures if allowed by the County Emergency Medical Services System in which they function:

- (1) Patient assessment;
- (2) Basic life support techniques in accordance with the American Heart Association or American Red Cross including airway management and cardiopulmonary resuscitation;
- (3) Oxygen administration;
- (4) Hemorrhage control;
- (5) Treatment for shock;
- (6) Bandaging and dressing soft tissue injuries;
- (7) Application of military anti-shock trousers;
- (8) Splinting fractures and dislocations;
- (9) Treatment of injuries to the head, face, eye, neck, and spine;
- (10) Treatment of injuries to the chest, abdomen and genitalia;
- (11) Provision of basic life support for medical injuries;
- (12) Assisting in normal and abnormal childbirths;
- (13) Treatment of injuries as a result of exposure to heat and cold;
- (14) Treatment of burns;
- (15) Lifting and moving patients for transfer to a medical facility; ~~and~~
- (16) Extrication of patients from confined ~~areas~~; areas; and

(17) Use of an automated external defibrillator.

Authority G.S. 131E-159(b).

SECTION .1300 - CERTIFICATION REQUIREMENTS FOR BASIC LIFE SUPPORT PERSONNEL

.1301 CERTIFICATION REQUIREMENTS: AMBULANCE ATTENDANT

(a) To become certified as an Ambulance Attendant, a person shall successfully complete either of the following ~~options: options within one year of the approved educational program course completion date:~~

(1) OPTION I

- (A) Be at least 18 years of age;
- (B) Successfully ~~complete, within one year prior to application, complete~~ an Ambulance Attendant training approved program meeting the requirements of the "North Carolina Ambulance Attendant Curriculum Outline" dated February 1994 and incorporated herein by reference including subsequent amendments and editions. This document may be obtained free of charge from the Office of Emergency Medical Services, P.O. Box 29530, Raleigh, NC 27626-0530. When training the approved educational program was completed over one year prior to application, a person shall submit evidence of completion of continuing education in emergency medicine taken in the past year to the Office of Emergency Medical Services;
- (C) Pass a basic life support practical examination administered by the Office of Emergency Medical Services; and
- (D) Pass either an Ambulance Attendant written examination or an oral examination, at the option of the applicant, administered by the Office of Emergency Medical Services; or

(2) OPTION II

- (A) Be at least 18 years of age;
- (B) Successfully ~~complete, within one year prior to application, complete~~ an approved Emergency Medical Technician training program meeting the requirements of the "North Carolina Emergency Medical Technician Curriculum Outline" dated February 1994 and incorporated herein by reference including subsequent amendments and editions. This document may be obtained free of charge from the Office of Emergency Medical Services, P.O. Box 29530, Raleigh, NC 27626-0530. When training the approved educational program was completed over one year prior to application, a person shall submit evidence of completion of continuing

education in emergency medicine taken in the past year to the Office of Emergency Medical Services;

- (C) Pass a basic life support practical examination administered by the Office of Emergency Medical Services; and
- (D) Complete an Emergency Medical Technician written examination administered by the Office of Emergency Medical Services and achieve a minimum score of ~~55%~~ 70% on the Ambulance Attendant Subset contained within the Emergency Medical Technician written examination.

(b) Persons holding current certification equivalent to an Ambulance Attendant with the National Registry of Emergency Medical Technicians or in another state where the training education and certification requirements have been approved for legal recognition by the Office of Emergency Medical Services may become certified by:

- (1) Presenting evidence of such certification for verification by the Office of Emergency Medical Services; and
- (2) Be at least 18 years of age.

(c) Certification obtained through legal recognition shall be valid for a period not to exceed the length of the current certification or a period not to exceed four years whichever is shorter. No certification shall be valid for a period exceeding four years. Persons who live in a state that borders North Carolina and are currently affiliated with an ambulance provider in North Carolina may continue to obtain a North Carolina certification through legal recognition if they continue to meet the recertification requirements in the state in which they reside. Persons who live in North Carolina and are currently certified in another state that borders North Carolina may continue to obtain a North Carolina certification through legal recognition if they continue to meet the recertification requirements in the state in which they are certified. Persons who were previously certified in North Carolina and are currently certified in another state or with the National Registry of Emergency Medical Technicians, shall present evidence of continuing education and skill evaluation prior to becoming certified through legal recognition.

(d) To become recertified as an Ambulance Attendant a person must successfully complete either of the following options:

(1) OPTION I

- (A) A continuing education program consisting of a minimum of 48 hours during each two year period of the person's four year certification period ~~taught or coordinated by a Qualified~~ conducted under the direction of a Certified EMT Instructor. The continuing education program shall meet the requirements set forth in the "Guidelines for Initial Education, Refresher Education, Continuing Education and Performance Evaluation of Emergency

Medical Services Basic Life Support Personnel" dated February 1994 Personnel"; ~~or and incorporated herein by reference including subsequent amendments and editions. This document may be obtained free of charge from the Office of Emergency Medical Services, P.O. Box 29530, Raleigh, NC 27626-0530;~~

- (B) A continuing education program consisting of a minimum of 48 hours during each two year period of the person's four year certification period conducted under the direction of a Medical Director as defined in 21 NCAC 32H .0102(8). The continuing education program shall meet the requirements set forth in the "Guidelines for Continuing Education and Performance Evaluation of Emergency Medical Services Advanced Life Support Personnel" ; and

- (B)(C) A basic life support skill evaluation(s) approved by the Office of Emergency Medical Services conducted under the direction of a Qualified Certified EMT Instructor ~~or Medical Director as defined in 21 NCAC 32H .0102(8)~~ assessing the ability to perform the skills of an Ambulance Attendant; or

(2) OPTION II

- (A) A continuing education program consisting of a minimum of 96 hours during the person's four year certification period. The continuing education program shall meet the requirements set forth in the "Guidelines for Initial Education, Refresher Education, Continuing Education and Performance Evaluation of Emergency Medical Services Basic Life Support Personnel" dated February 1994 Personnel"; ~~and and incorporated herein by reference including subsequent amendments and editions. This document may be obtained free of charge from the Office of Emergency Medical Services, P.O. Box 29530, Raleigh, NC 27626-0530;~~

- (B) A basic life support practical examination administered by the Office of Emergency Medical Services; or

(3) OPTION III

- (A) An approved Ambulance Attendant refresher course consisting of a minimum of 48 hours during the person's last year of certification. This refresher course shall meet the "Guidelines for Initial Education, Refresher Education, Continuing Education and Performance Evaluation of Emergency Medical Services Basic Life Support Personnel" dated February 1994 Personnel"; ~~and incorporated herein by reference including~~

~~subsequent amendments and editions. This document may be obtained free of charge from the Office of Emergency Medical Services, P.O. Box 29530, Raleigh, NC 27626-0530;~~

- (B) A basic life support practical examination administered by the Office of Emergency Medical Services; and
- (C) ~~After September 30, 1996, an Ambulance Attendant~~ A written examination or an oral examination, at the option of the applicant, administered by the Office of Emergency Medical Services.

Authority G.S. 131E-159(a); 1984 S.L., c. 1034.

.1302 CERTIFICATION REQUIREMENTS: EMERGENCY MEDICAL TECHNICIAN

(a) To become certified as an Emergency Medical Technician, a person shall meet the following ~~criteria:~~ criteria within one year of the approved educational program course completion date:

- (1) Be at least 18 years of age;
- (2) ~~Successfully complete, within one year prior to application, complete an approved~~ Emergency Medical Technician training program meeting the requirements of the "North Carolina Emergency Medical Technician Curriculum ~~Outline~~" dated February 1994 Outline," and ~~incorporated herein by reference including subsequent amendments and editions. This document may be obtained free of charge from the Office of Emergency Medical Services, P.O. Box 29530, Raleigh, NC 27626-0530.~~ When training the approved educational program was completed over one year prior to application, a person shall submit evidence of completion of continuing education in emergency medicine taken in the past year to the Office of Emergency Medical Services;
- (3) Pass a basic life support practical examination administered by the Office of Emergency Medical Services; and
- (4) Pass an Emergency Medical Technician written examination administered by the Office of Emergency Medical Services.

(b) Persons holding current certification equivalent to an Emergency Medical Technician with the National Registry of Emergency Medical Technicians or in another state where the training educational and certification requirements have been approved for legal recognition by the Office of Emergency Medical Services may become certified by:

- (1) Presenting evidence of such certification for verification by the Office of Emergency Medical Services; and
 - (2) Be at least 18 years of age.
- (c) Certification obtained through legal recognition shall be valid for a period not to exceed the length of the current

certification or a period not to exceed four years whichever is shorter. No certification shall be valid for a period exceeding four years. Persons who live in a state that borders North Carolina and are currently affiliated with an ambulance provider in North Carolina may continue to obtain a North Carolina certification through legal recognition if they continue to meet the recertification requirements in the state in which they reside. Persons who live in North Carolina and are currently certified in another state that borders North Carolina may continue to obtain a North Carolina certification through legal recognition if they continue to meet the recertification requirements in the state in which they are certified. Persons who were previously certified in North Carolina and are currently certified in another state or with the National Registry of Emergency Medical Technicians, shall present evidence of continuing education and skill evaluation prior to becoming certified through legal recognition.

(d) To become recertified as an Emergency Medical Technician a person shall successfully complete either of the following options:

(1) OPTION 1

- (A) A continuing education program consisting of a minimum of 48 hours during each two year period of the person's four year certification ~~taught or coordinated by a Qualified~~ conducted under the direction of a Certified EMT Instructor. The continuing education program shall meet the requirements set forth in the "Guidelines for Initial Education Refresher Education, Continuing Education and Performance Evaluation of Emergency Medical Services Basic Life Support Personnel" dated February 1994 Personnel" ~~or and incorporated herein by reference including subsequent amendments and editions. This document may be obtained free of charge from the Office of Emergency Medical Services, P.O. Box 29530, Raleigh, NC 27626-0530;~~
- (B) A continuing education program consisting of a minimum of 48 hours during each two year period of the person's four year certification period conducted under the direction of a Medical Director as defined in 21 NCAC 32H .0102(8). The continuing education program shall meet the requirements set forth in the "Guidelines for Continuing Education and Performance Evaluation of Emergency Medical Services Advanced Life Support Personnel"; and
- (B)(C) A basic life support skill evaluation(s) approved by the Office of Emergency Medical Services conducted under the direction of Qualified Certified EMT Instructor or Medical Director as defined in 21 NCAC 32H .0102(8) assessing the ability to perform the skills of a Emergency Medical Technician; or

(2) **OPTION II**

- (A) A continuing education program consisting of a minimum of 96 hours during the person's four year certification period. The continuing education program shall meet the requirements set forth in the "Guidelines for Initial Education, Refresher Education, Continuing Education and Performance Evaluation of Emergency Medical Services Basic Life Support ~~Personnel" dated February 1994 Personnel~~"; ~~and and incorporated herein by reference including subsequent amendments and editions. This document may be obtained free of charge from the Office of Emergency Medical Services, P.O. Box 29530, Raleigh, NC 27626-0530;~~
- (B) A basic life support practical examination administered by the Office of Emergency Medical Services; or

(3) **OPTION III**

- (A) An approved Emergency Medical Technician refresher course consisting of a minimum of 48 hours during the person's last year of certification. This refresher course shall meet the "Guidelines for Initial Education, Refresher Education, Continuing Education and Performance Evaluation of Emergency Medical Services Basic Life Support ~~Personnel" dated February 1994 Personnel~~"; ~~and incorporated herein by reference including subsequent amendments and editions. This document may be obtained free of charge from the Office of Emergency Medical Services, P.O. Box 29530, Raleigh, NC 27626-0530;~~
- (B) A basic life support practical examination administered by the Office of Emergency Medical Services; and
- (C) ~~After September 30, 1996, an~~ An Emergency Medical Technician written examination administered by the Office of Emergency Medical Services.

- (3) Failure to provide emergency medical care to the defined ambulance service area in a timely and professional manner.
- (b) The Department may issue a temporary permit for a specific vehicle whenever the Department finds that:
- (1) the ambulance provider to which that vehicle is assigned has substantially failed to comply with the provisions of G.S. 131E, Article 7 and the rules adopted under that article; and
 - (2) there is a reasonable probability that the ambulance provider can remedy the permit deficiencies within a reasonable length of time; and
 - (3) there is a reasonable probability that the ambulance provider will be able thereafter to remain in compliance with the rules regarding ambulance permits for the foreseeable future.
- (c) The Department shall give the ambulance provider written notice of the temporary ambulance permit. This notice shall be given personally or by certified mail and shall set forth:
- (1) the length of the temporary ambulance permit not to exceed 60 days;
 - (2) a copy of the ambulance inspection form;
 - (3) the statutes or rules alleged to be violated; and
 - (4) notice to the ambulance provider's right to a contested case hearing on the temporary ambulance permit.
- (d) The temporary ambulance permit shall be effective immediately upon its receipt by the ambulance provider. The temporary ambulance permit shall remain in effect until:
- (1) the Department restores the vehicle to full permitted status; or
 - (2) the Department revokes the vehicle's ambulance permit.
- (e) The Department may deny, suspend, or revoke the certification of a ~~field technician~~ BLS professional or certified EMT instructor for any of the following reasons:
- (1) Failure to comply with the applicable performance and certification requirements as found in ~~Sections .1200 and .1300 of this Subchapter;~~
 - (2) ~~Obtaining or attempting to obtain certification or recertification through fraud or misrepresentation; Immoral or dishonorable conduct;~~
 - (3) ~~Aiding a person in obtaining or attempting to obtain certification or recertification through fraud or misrepresentation; Making false statements or representations to the Office of Emergency Medical Services or willfully concealing of material information in connection with an application for certification;~~
 - (4) ~~Failure to competently perform the skills or procedures enumerated in Section .1200 of this Subchapter; Being unable to perform as a BLS professional with reasonable skill and safety to patients and the public by reason of illness, drunkenness, excessive use of alcohol, drugs, chemicals, or any other type of material or by reason~~

Authority G.S. 131E-159(b); 1984 S.L., c. 1034.

SECTION .1400 - ADMINISTRATION

1401 LICENSE, PERMIT OR CERTIFICATION DENIAL, SUSPENSION, AMENDMENT OR REVOCATION

- (a) The Department may deny, suspend, or revoke the permit of a specific vehicle for any of the following reasons:
- (1) Failure to substantially comply with the requirements of Section .0900 of this Subchapter;
 - (2) Obtaining a permit through fraud or misrepresentation; or

of any physical or mental abnormality;

- (5) ~~Performance of a skill or procedure which is not within the scope and responsibility of the certificate holder; Unprofessional conduct, including but not limited to a failure to comply with the rules relating to the proper function of a BLS professional or certified EMT instructor contained in this Subchapter or the performance of or attempt to perform a procedure which is detrimental to the health and safety of a patient or which is beyond the scope and responsibility of the BLS professional or certified EMT instructor;~~
- (6) ~~Performance of a skill or procedure that is detrimental to the health and safety of a patient; Conviction in any court of a crime involving moral turpitude, a conviction of a felony, or conviction of a crime involving the function of a BLS professional;~~
- (7) ~~Any felony conviction; By false representations obtaining or attempting to obtain money or anything of value from a patient;~~
- (8) ~~A misdemeanor conviction of the use, possession, or distribution of illegal drugs within the past five years; or Adjudication of mental incompetence;~~
- (9) ~~Conviction of driving while impaired within the past five years. Lack of professional competence to practice with a reasonable degree of skill and safety for patients including but not limited to a failure to perform a prescribed procedure, failure to perform a prescribed procedure competently or performance of a procedure which is not within the scope of the official duties of the BLS professional;~~
- (10) ~~Failure to respond within a reasonable period of time and in a reasonable manner to inquire from the Office of Emergency Medical Services concerning any matter relating to the practice of a BLS professional or certified EMT instructor;~~
- (11) ~~Testing positive for substance abuse by blood, urine or breath testing while on duty as a BLS professional or certified EMT instructor; or~~
- (12) ~~Representing or allowing others to represent that the BLS professional or certified EMT instructor has a certification that the BLS professional or certified EMT instructor does not in fact have.~~

(f) The Department shall deny any application for an Ambulance Provider License upon becoming aware that the applicant is not in substantial compliance with G.S. 131E, Article 7 and the rules adopted under that article.

(g) The Department may amend any Ambulance Provider License by reducing it from a full license to a provisional license whenever the Department finds that:

- (1) the licensee has substantially failed to comply with the provisions of G.S. 131E, Article 7 and the rules adopted under that article; and
- (2) there is a reasonable probability that the licensee can remedy the licensure deficiencies within a reasonable length of time; and
- (3) there is a reasonable probability that the licensee will

be able thereafter to remain in compliance with the licensure rules for the foreseeable future.

(h) The Department shall give the licensee written notice of the amendment to the Ambulance Provider License. This notice shall be given personally or by certified mail and shall set forth:

- (1) the length of the provisional Ambulance Provider License;
- (2) the factual allegations;
- (3) the statutes or rules alleged to be violated; and
- (4) notice to the ambulance provider's right to a contested case hearing on the amendment of the Ambulance Provider License.

(i) The provisional Ambulance Provider License shall be effective immediately upon its receipt by the licensee and shall be posted in a prominent location at the primary business location of the ambulance provider, accessible to public view, in lieu of the full license. The provisional license shall remain in effect until:

- (1) the Department restores the licensee to full licensure status; or
- (2) the Department revokes the licensee's license.

(j) The Department may revoke or suspend an Ambulance Provider License whenever:

- (1) the Department finds that:
 - (A) the licensee has substantially failed to comply with the provisions of G.S. 131E, Article 7 and the rules adopted under that article; and
 - (B) it is not reasonably probable that the licensee can remedy the licensure deficiencies within a reasonable length of time; or
- (2) the Department finds that:
 - (A) the licensee has substantially failed to comply with the provisions of G.S. 131E, Article 7 and the rules adopted under that article; and
 - (B) although the licensee may be able to remedy the deficiencies within a reasonable period of time, it is not reasonably probable that the licensee will be able to remain in compliance with licensure rules for the foreseeable future; or
- (3) the Department finds that there has been any failure to comply with the provision of G.S. 131E, Article 7 and the rules adopted under that article that endanger the health, safety or welfare of the patients cared for and transported by the licensee.

(k) The issuance of a provisional Ambulance Provider License is not a procedural prerequisite to the revocation or suspension of a license pursuant to Paragraph (j) of this Rule.

Authority G.S. 131E-155.1; 131E-156; 131E-157(a); 131E-159(b).

.1403 APPLICATION PROCEDURES, REQUIRED FORMS

(a) All applications for licensure, certification, or recertification must be filed with the Office of Emergency

Medical Services on the appropriate forms.

(b) At a minimum, the following forms are required for application:

- (1) Certification Application Form for certification of personnel; ~~and~~
- (2) Certified Instructor Application Form; and
- ~~(2)~~(3) Ambulance Provider License Application Form for issuance of licenses.

(c) The following documents are required for educational and evaluation programs incorporated herein by reference including subsequent amendments and editions. Copies of these documents are available free of charge from the Office of Emergency Medical Services, PO Box 29530, Raleigh, NC 27626-0530.

- (1) "North Carolina Ambulance Attendant Curriculum Outline";
- (2) "North Carolina Emergency Medical Technician Curriculum Outline";
- (3) "Guidelines for the Initial Education, Refresher Education, Continuing Education and Performance Evaluation of Emergency Medical Services Basic Life Support Personnel";
- (4) "Guidelines for Continuing Education and Performance Evaluation of Emergency Medical Services Advanced Life Support Personnel"
- ~~(c)~~(d) EMS providers shall complete all forms, surveys, and requests for data, as required by these Rules.

Authority G.S. 131E-155.1; 131E-157(a); 131E-159(b).

TITLE 13 - DEPARTMENT OF LABOR

Notice is hereby given in accordance with G.S. 150B-21.2 that the Department of Labor, Division of Occupational Safety and Health intends to amend rule cited as 13 NCAC 7F .0101. Notice of Rule-making Proceedings was published in the Register on March 14, 1997.

Proposed Effective Date: July 1, 1998

A Public Hearing will be conducted at 10:00 a.m. on September 17, 1997 at the NCDOL: Division of Occupational Safety and Health, 319 Chapanoke Road, Suite 105, Conference Room A, Raleigh, NC.

Reason for Proposed Action: *This amendment to 13 NCAC 07F .0101 (1) reformats portions of the rule to make it easier to correlate the State requirements with the previously adopted requirements of 29 CFR 1910.1000 and other related standards, (2) removes information related to interim requirements that have expired, (3) corrects errors in computational formulas, units of measure, and other entries, (4) adopts the existing federal standard for silica, and (5) removes information that repeats the content of federal standards [Ref.: G.S. 150B-19(4)].*

Note: The attached edited pages also reflect a Notice of Text & Hearing submittal published in the August 1, 1997 NC Register.

Comment Procedures: *The purpose of this announcement is to encourage all interested and potentially affected persons or parties to make their views known to the Division of Occupational Safety and Health (OSH) whether in favor of or opposed to any and all provisions of the proposal being noticed. Written comments, data, or other information relevant to this proposal must be submitted within 30 days (October 3, 1997). Written comments may be submitted to: Peggy D. Morris, Division of Occupational Safety and Health at NCDOL: Division of Occupational Safety and Health, 319 Chapanoke Road, Suite 105, Raleigh, NC 27603-3432, Phone: (919) 662-4581 or 1-800-LABORNC, FAX: (919) 662-4582.*

Fiscal Note: *This Rule does not affect the expenditures or revenues of state or local government funds. This Rule does not have a substantial economic impact of at least five million dollars (\$5,000,000) in a 12-month period.*

CHAPTER 7 - OFFICE OF OCCUPATIONAL SAFETY AND HEALTH

SUBCHAPTER 7F - STANDARDS

SECTION .0100 - GENERAL INDUSTRY STANDARDS

.0101 GENERAL INDUSTRY

~~(a)~~ The provisions for the Occupational Safety and Health Standards for General Industry, Title 29 of the Code of Federal Regulations Part 1910 promulgated as of ~~February 28, 1997~~, August 4, 1997, and exclusive of subsequent amendments, are incorporated by reference except as follows:

- (1) Subpart H - Hazardous Materials, 29 CFR 1910.120, Hazardous waste operations and emergency response, §1910.120(q)(6) is amended by adding a new level of training:
 - "(vi) First responder operations plus level. First responders at operations plus level are individuals who respond to hydrocarbon fuel tank leaks where the leaking tanks contain a hydrocarbon fuel which is used to propel the vehicle on which the tank is located. Only those vehicles designed for highway use or those used for industrial, agricultural or construction purposes are covered. First responders at the operations plus level shall have received at least training equal to first responder operations level and, in addition, shall receive training or have had sufficient experience to objectively demonstrate competency in the following areas and the employer shall so certify:
 - (A) Know how to select and use proper specialized personal protective equipment provided to the first responder at operations plus level;
 - (B) Understand basic hazardous materials terms as they pertain to hydrocarbon fuels;
 - (C) Understand hazard and risk assessment techniques that pertain to gasoline, diesel fuel, propane and other hydrocarbon fuels;
 - (D) Be able to perform control, containment, or confinement operations for gasoline, diesel fuel, propane and other hydrocarbon fuels within the capabilities of the available resources and personal protective equipment; and
 - (E) Understand and know how to implement decontamination procedures for hydrocarbon fuels."
- (2) Subpart I -- Personal Protective Equipment -- 29 CFR 1910.132, General requirements, is amended at 29 CFR 1910.132(b) to read:
 - "(b) *Equipment.* (1) *Employer-provided equipment.* It is the responsibility of the employer to provide, at no cost to the employee, all personal protective equipment which the employee does not wear off the jobsite for use off the job.
 - (2) *Employee-owned equipment.* Where employees provide their own protective equipment, the employer shall be responsible to assure its adequacy, including proper maintenance, and sanitation of such equipment."
- (3) Subpart R -- Special Industries -- incorporation by reference of final rule for 29 CFR 1910.269, Electric Power Generation, Transmission, and Distribution, including Appendices A through E, published in 59 FR (January 31, 1994) pages 4437 - 4475, all typographical and grammatical corrections to 1910.269 as published in 59 FR (June 30, 1994) pages 33660 - 33664, and the amendment to 1910.269(g)(2)(i) as published in 59 FR (August 9, 1994) page 40729, except that 29 CFR 1910.269(g)(2)(v) is amended to read:
 - "(v) Fall arrest equipment, work positioning equipment, or travel restricting equipment shall be used by employees working at elevated locations more than 4 feet (1.2 m) above the ground on poles, towers or similar structures if other fall protection has not been provided. A fall protection system as defined in 29 CFR 1926, Subpart M - *Fall Protection*, is required to be used by all employees when ascending, descending or changing locations on poles, towers or similar structures. However, the use of non-locking snap hooks with any fall protection system is prohibited as of July 1, 1995. Qualified employees may free climb wood poles if the employer can ensure (1) that the employee is able to comfortably and safely grip the pole with both hands while climbing, (2) that the pole is free from attachments or any configurations of attachments that will materially impair the ability of a qualified employee to safely free climb the pole, (3) that the pole is otherwise free from impediments, contaminants or conditions of any type, including but not limited to ice, high winds or chemical treatments which materially impair the ability of a qualified employee to safely free climb the pole, and (4) that the employee is able to climb such structures without material physical impairments including over-exertion, lack of sleep or other physical stresses." 29 CFR 1910.269 as amended above is effective January 1, 1995, except that employers have until July 1, 1995, to implement the use of locking snap hooks, and employers have until January 1, 1996, to design and implement a system of fall protection for use by employees while ascending, descending or changing locations on towers. Also, 29 CFR 1910.269(a)(2) *Training* is effective January 31, 1995, and 29 CFR 1910.269(v)(11)(xii) is effective February 1, 1996.
- (4) Subpart Z -- Toxic and Hazardous Substances:
 - (a) ~~(A) 29 CFR 1910.1000 Air Contaminants:~~
~~Revision of 1910.1000 (a) and (f), removal of Table Z-2 and Table Z-3 and re-adoption of revised permissible exposure limits as Table Z-1 as originally published in 54 FR (January 19, 1989) pages 2923 - 2958 as follows:~~
~~"§1910.1000 Air contaminants:~~
~~An employee's exposure to any substance listed in Table Z-1 of this section shall be limited in accordance with the requirements of the following paragraphs and sections:~~
~~(a) Table Z-1.(1) Substances with limits designated by "C" - Ceiling Limits. An employee's exposure to any substance in Table Z-1, the exposure limit of which is followed by a "C", shall at no time exceed the exposure limit given for that substance in Table Z-1.~~
~~(2) Current permissible exposure limits. An employee's exposure to any substance listed in Table Z-1 shall not exceed the Time Weighted Average (TWA), Short Term Exposure Limit (STEL) and Ceiling Limit specified for that substance in Table Z-1 under the Current PEL column.~~

(3) *Skin Designation.* To prevent or reduce skin absorption, an employee's skin exposure to substances listed in Table Z-1 with an "X" in the Skin Designation column following the substance name shall be prevented or reduced to the extent necessary in the circumstances through the use of gloves, coveralls, goggles, or other appropriate personal protective equipment, engineering controls or work practices.

(4) *Definitions.* The following definitions are applicable to the Current PEL column of Table Z-1:

(i) Time weighted average (TWA) is the employee's average airborne exposure in any 8-hour work shift of a 40-hour work week which shall not be exceeded.

(ii) Short term exposure limit (STEL) is the employee's 15-minute time weighted average exposure which shall not be exceeded at any time during a work day unless another time limit is specified in a parenthetical notation below the limit. If another time period is specified, the time weighted average exposure over that time period shall not be exceeded at any time during the working day.

(iii) Ceiling is the employee's exposure which shall not be exceeded during any part of the work day. If instantaneous monitoring is not feasible, then the ceiling shall be assessed as a 15-minute time weighted average exposure which shall not be exceeded at any time over a working day.

(5) *Additional Definitions.* The terms "substance," "air contaminant," and "material" are equivalent in meaning for 29 CFR 1910.1000.

(b) and (c) are reserved.

(d) and (e) are not amended.

(f) *Effective dates.* (1) The effective date for the permissible exposure limits specified in the following Current PEL column of Table Z-1 is March 7, 1997.

(i) The equation in 29 CFR 1910.1000(d)(1)(i) is clarified to read as follows:

$$E = (C_a T_a + C_b T_b + \dots + C_n T_n) / 8$$

(ii) The equation in 29 CFR 1910.1000(d)(2)(i) is clarified to read as follows:

$$E_m = (C_1/L_1) + (C_2/L_2) + \dots + (C_n/L_n)$$

(iii) The permissible exposure limits as originally published in 54 FR (January 19, 1989) pages 2331-2983 are incorporated except as otherwise specified or noted in this Rule.

(iv) Employee exposure to the toxic and hazardous substances listed in the following tables shall be limited to the specified values.

PERMISSIBLE EXPOSURE LIMITS FOR AIR CONTAMINANTS

NOTE: Because of the length of the table, explanatory Footnotes applicable to all substances are given below:

Footnote (1) The PELs are 8-hour TWAs unless otherwise noted; a (C) designation denotes a ceiling limit. They are to be determined from breathing-zone air samples.

Footnote (2) Parts of vapor or gas per million parts of contaminated air by volume at 25 degrees C and 760 torr.

Footnote (3) Milligrams of substance per cubic meter of air. When entry is in this column only, the value is exact; when listed with a ppm entry, it is approximate.

Footnote (4) The CAS number is for information only. Enforcement is based on the substance name.

Footnote (5) (1) Regarding Styrene Only: OSHNC recognizes that the permissible exposure limits for styrene may not be achievable solely through engineering and work practice controls for boat-building and operations comparable to boat building. Comparable operations are those that (1) employ the manual layup and sprayup process, (2) the manufactured items that utilize the same equipment and technology as that found in boat building, and (3) the same considerations of large part size, configuration interfering with air-flow control techniques, and resin usage apply. Examples of operations comparable to boat building would include the manufacture of large above-ground or below-ground storage tanks, large parts for recreational vehicles, and large duct work. Because it is impossible to define in advance every manual layup and sprayup process for which compliance may not be feasible solely through engineering and work practice controls, some guidelines concerning part size and configuration issues are necessary. The primary question for manual layup and sprayup operations is whether the part's size and configuration interfere with normal air-flow techniques. For operations making parts (such as tubs and vanities) that do not meet the guidelines described, beginning April 1, 1996, the hierarchy of controls specified in 29 CFR 1910.1000(e) will apply to reduce styrene exposures to the new 50 ppm TWA and 100 ppm STEL. In consequence, the burden of proof will be on the employer to show that engineering and work practice controls are not feasible for specific operations. However, with respect to boat-building operations the burden of proof would be on OSHNC to prove that the level could be attained solely through engineering and work practice controls.

Footnote (6) (2) Regarding Acrylamide, Carbon Dioxide and Silica only: no change was made to the PEL. The federal standards at 29 CFR 1910.1000 are adopted.

Footnote (7) (3) Regarding Subtilisins only: PELs for this substance is are not included in Table Z-1 below: adopted.

TABLE Z-1. LIMITS FOR AIR CONTAMINANTS

SUBSTANCE	CAS NUMBER	FORMER PEL	CURRENT PEL	SKIN DSG
Acetaldehyde	75-07-0	200 ppm TWA	100 ppm TWA 150 ppm STEL	
Acetic acid	64-19-7	10 ppm TWA	10 ppm TWA	
Acetic anhydride	108-24-7	5 ppm TWA	5 ppm TWA (C)	
Acetone	67-64-1	1000 ppm TWA	750 ppm TWA 1000 ppm STEL	
Acetonitrile	75-05-8	40 ppm TWA	40 ppm TWA 60 ppm STEL	
2-Acetylaminofluorene —see 1910.1014	53-96-3			
Acetylene dichloride —see 1,2-Dichloroethylene				
Acetylene tetrabromide	79-27-6	1 ppm TWA	1 ppm TWA	
Acetylsalicylic acid —(Aspirin)	50-78-2	No former PEL	5 mg/m ³ TWA	
Acrolein	107-02-8	0.1 ppm TWA	0.1 ppm TWA 0.3 ppm STEL	
Acrylamide	79-06-1	0.3 mg/m ³ TWA	0.3 mg/m ³ TWA	X
Acrylic acid	79-10-7	No former PEL	10 ppm TWA	X
Acrylonitrile; —see 1910.1045.	107-13-1			
Aldrin	309-00-2	0.25 mg/m ³ TWA	0.25 mg/m ³ TWA	X
Allyl alcohol	107-18-6	2 ppm TWA	2 ppm TWA 4 ppm STEL	X
Allyl chloride	107-05-1	1 ppm TWA	1 ppm TWA 2 ppm STEL	
Allyl glycidyl ether (AGE)	106-92-3	10 ppm (C)	5 ppm TWA 10 ppm STEL	
Allyl propyl disulfide	2179-59-1	2 ppm TWA	2 ppm TWA 3 ppm STEL	
alpha-Alumina —Total Dust —Respirable Fraction	1344-28-1	15 mg/m ³ TWA 5 mg/m ³ TWA	10 mg/m ³ TWA 5 mg/m ³ TWA	

PROPOSED RULES

Aluminum (as Al) —Metal —Total dust —Respirable fraction —Pyropowders —Welding fumes —Alkyls	7429-90-5	15 mg/m ³ TWA 5 mg/m ³ TWA	15 mg/m ³ TWA 5 mg/m ³ TWA 5 mg/m ³ TWA 5 mg/m ³ TWA 2 mg/m ³ TWA	-
Aluminum (soluble salts)	7429-90-5		2 mg/m ³ TWA	
4-Aminodiphenyl; —see 1910.1011	92-67-1			
2-Aminoethanol; —see Ethanolamine				
2-Aminopyridine	504-29-0	0.5 mg/m ³ TWA	0.5 ppm TWA	
Amitrol	61-82-5	No former PEL	0.2 mg/m ³ TWA	
Ammonia	7664-41-7	50 ppm TWA	35 ppm STEL	
Ammonium chloride fume	12125-02-9	No former PEL	10 mg/m ³ TWA 20 mg/m ³ STEL	
Ammonium sulfamate —Total dust —Respirable fraction	7773-06-0	15 mg/m ³ TWA 5 mg/m ³ TWA	10 mg/m ³ TWA 5 mg/m ³ TWA	
n-Amyl acetate	628-63-7	100 ppm TWA	100 ppm TWA	
sec-Amyl acetate	626-38-0	125 ppm TWA	125 ppm TWA	
Aniline and homologs	62-53-3	5 ppm TWA	2 ppm TWA	X
Anisidine (o-, p-isomers)	29191-52-4	0.5 mg/m ³ TWA	0.5 mg/m ³ TWA	X
Antimony and compounds (as Sb)	7440-36-0	0.5 mg/m ³ TWA	0.5 mg/m ³ TWA	
ANTU (Alpha naphthylthiourea)	86-88-4	0.3 mg/m ³ TWA	0.3 mg/m ³ TWA	
Arsenic, inorganic —compounds (as As); —see 1910.1018	Varies with compound			
Arsenic, organic —compounds (as As)		0.5 mg/m ³ TWA	0.5 mg/m ³ TWA	
Arsine	7784-42-1	0.05 mg/m ³ TWA	0.05 ppm TWA	
Asbestos, —see 1910.1001				
Atrazine	1912-24-9	No former PEL	5 mg/m ³ TWA	
Azinphos-methyl	86-50-0	0.2 mg/m ³ TWA	0.2 mg/m ³ TWA	X
Barium, soluble compounds (as Ba)	7440-39-3	0.5 mg/m ³ TWA	0.5 mg/m ³ TWA	

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Barium sulfate —Total dust —Respirable fraction	7727-43-7	15 mg/m ³ TWA 5 mg/m ³ TWA	10 mg/m ³ TWA 5 mg/m ³ TWA	
Benomyl —Total dust —Respirable fraction	17804-35-2	15 mg/m ³ TWA 5 mg/m ³ TWA	10 mg/m ³ TWA 5 mg/m ³ TWA	
Benzene; See 1910.1028 —See Table Z-2 for the limits applicable in the operations or sectors excluded in 1910.1028(d)	71-43-2			
Benzidine; See 1910.1010	92-87-5			
p-Benzoquinone; see Quinone.				
Benzo(a)pyrene; see —Coal tar pitch volatiles				
Benzoyl peroxide	94-36-0	5 mg/m ³ TWA	5 mg/m ³ TWA	
Benzyl chloride	100-44-7	5 mg/m ³ TWA	5 mg/m ³ TWA	
Beryllium and —beryllium compounds (as Be)	7440-41-7	Table Z-2	0.002 ppm TWA 0.005 ppm STEL (30 minute) 0.025 ppm (C)	
Biphenyl; see Diphenyl.				
Bismuth telluride, —Undoped —Total dust —Respirable fraction	1304-82-1	15 mg/m ³ TWA 5 mg/m ³ TWA	15 mg/m ³ TWA 5 mg/m ³ TWA	
Bismuth telluride, Se- doped	1304-82-1	No former PEL	5 mg/m ³ TWA	
Borates, tetra (anhydr)	1330-43-4	No former PEL	10 mg/m ³ TWA	
Borates, tetra (decahyd)	1303-96-43	No former PEL	10 mg/m ³ TWA	
Borates, tetra (penta hyd)	12179-04-3	No former PEL	10 mg/m ³ TWA	
Boron oxide —Total dust —Respirable fraction	1303-86-2	15 mg/m ³ TWA 5 mg/m ³ TWA	10 mg/m ³ TWA 5 mg/m ³ TWA	
Boron tribromide	10294-33-4	No former PEL	1 ppm (C)	
Boron trifluoride	7637-07-2	1 ppm TWA (C)	1 ppm TWA (C)	
Bromacil	314-40-9	No former PEL	1 ppm TWA	
Bromine	7726-95-6	0.1 ppm TWA	0.1 ppm TWA 0.3 ppm STEL	
Bromine pentafluoride	7789-30-2		0.1 ppm TWA	

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Bromoform	75-25-2	0.5 ppm TWA	0.5 ppm TWA	X
Butadiene—(1,3-Butadiene) See 29 CFR 1910.1051; 29 CFR 1910.19(1)	106-99-0			
Butane	106-97-8	No former PEL	800 ppm TWA	
Butanethiol; See Butyl mercaptan				
2-Butanone (Methyl ethyl—ketone)	78-93-3	200 ppm TWA	200 ppm TWA 300 ppm STEL	
2-Butoxyethanol	111-76-2	50 ppm TWA	25 ppm TWA	X
<i>n</i> -Butyl acetate	123-86-4	150 ppm TWA	150 ppm TWA 200 ppm STEL	
<i>sec</i> -Butyl acetate	105-46-4	200 ppm TWA	200 ppm TWA	
<i>tert</i> -Butyl acetate	540-88-5	200 ppm TWA	200 ppm TWA	
<i>n</i> -Butyl acrylate	141-32-2	No former PEL	10 ppm TWA	
<i>n</i> -Butyl alcohol	71-36-3	100 ppm TWA	50 ppm (C)	X
<i>sec</i> -Butyl alcohol	78-92-2	150 ppm TWA	100 ppm TWA	
<i>tert</i> -Butyl alcohol	75-65-0	100 ppm TWA	100 ppm TWA 150 ppm STEL	
Butylamine	109-73-9	5 ppm (C)	5 ppm (C)	X
<i>tert</i> -Butyl chromate —(as CrO(3))	1189-85-1	0.1 mg/m ³ (C)	0.1 mg/m ³ (C)	X
<i>n</i> -Butyl glycidyl ether —(BGE)	2426-08-6	50 ppm TWA	25 ppm TWA	
<i>n</i> -Butyl lactate	138-22-7		5 ppm TWA	
<i>n</i> -Butyl mercaptan—	109-79-5	10 ppm TWA	0.5 ppm TWA	
Butyl mercaptan	109-79-5	10 ppm TWA	0.5 ppm TWA	
<i>o</i> - <i>sec</i> -Butylphenol	89-72-5	No former PEL	5 ppm TWA	X
<i>p</i> - <i>tert</i> -Butyltoluene	98-51-1	10 ppm TWA	10 ppm TWA 20 ppm STEL	
Cadmium (as Cd); — —see 1910.1027	7440-43-9			
Calcium Carbonate— —Total dust— —Respirable fraction	1317-65-3	15 mg/m ³ TWA 5 mg/m ³ TWA	15 mg/m ³ TWA 5 mg/m ³ TWA	
Calcium cyanamide	156-62-7	No former PEL	0.5 mg/m ³ TWA	
Calcium hydroxide	1305-62-0	No former PEL	5 mg/m ³ TWA	

Calcium-oxide	1305-78-8	5 mg/m ³ TWA	5 mg/m ³ TWA	
Calcium-silicate —Total dust —Respirable fraction	1344-95-2	15 mg/m ³ TWA 5 mg/m ³ TWA	15 mg/m ³ TWA 5 mg/m ³ TWA	
Calcium-sulfate —Total dust —Respirable fraction	7778-18-9	15 mg/m ³ TWA 5 mg/m ³ TWA	15 mg/m ³ TWA 5 mg/m ³ TWA	
Camphor, synthetic—	76-22-2	2 mg/m ³ TWA	2 mg/m ³ TWA	
Caprolactam (dust)	105-60-2	No former PEL	1 mg/m ³ TWA 3 mg/m ³ STEL	
Caprolactam (vapor)	105-60-2	No former PEL	5 ppm TWA 10 ppm STEL	
Captafol (Difolatan)	2425-06-1	No former PEL	0.1 mg/m ³ TWA	
Captan—	133-06-2	No former PEL	5 mg/m ³ TWA	
Carbaryl (Sevin)	63-25-2	5 mg/m ³ TWA	5 mg/m ³ TWA	
Carbofuran	1563-66-2	No former PEL	0.1 mg/m ³ TWA	
Carbon black	1333-86-4	3.5 mg/m ³ TWA	3.5 mg/m ³ TWA	
Carbon dioxide	124-38-9	5000 ppm TWA	5000 ppm TWA	
Carbon disulfide	75-15-0	Table Z-2—	20 ppm TWA 30 ppm (C)* 100 ppm Peak* *Maximum duration is 30 min. for 8-hr. shift.	X
Carbon monoxide	630-08-0	50 ppm TWA	35 ppm TWA 200 ppm (C)	
Carbon tetrabromide	558-13-4	No former PEL	0.1 ppm TWA 0.3 ppm STEL	
Carbon tetrachloride	56-23-5	Table Z-2—	2 ppm TWA	
Carbonyl fluoride	353-50-4	No former PEL	2 ppm TWA 5 ppm STEL	
Catechol (Pyrocatechol)	120-80-9	No former PEL	5 ppm TWA	X
Cellulose —Total dust —Respirable fraction	9004-34-6	15 mg/m ³ TWA 5 mg/m ³ TWA	15 mg/m ³ TWA 5 mg/m ³ TWA	
Cesium hydroxide	21351-79-1	No former PEL	2 mg/m ³ TWA	
Chlordane	57-74-9	0.5 mg/m ³ TWA	0.5 mg/m ³ TWA	X
Chlorinated camphene	8001-35-2	0.5 mg/m ³ TWA	0.5 mg/m ³ TWA 1 mg/m ³ STEL	X
Chlorinated diphenyl oxide	55720-99-5	0.5 mg/m ³ TWA	0.5 mg/m ³ TWA	

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Chlorine	7782-50-5	1 ppm (C)	0.5 ppm TWA 1.0 ppm STEL	
Chlorine dioxide	10049-04-4	0.1 ppm TWA	0.1 ppm TWA 0.3 ppm STEL	
Chlorine trifluoride	7790-91-2	0.1 ppm (C)	0.1 ppm (C)	
Chloroacetaldehyde	107-20-0	1 ppm (C)	1 ppm (C)	
α -Chloroacetophenone— (Phenacyl chloride)	532-27-4	0.05 ppm TWA	0.05 ppm TWA	
Chloroacetyl chloride	79-04-9	No former PEL	0.05 ppm TWA	
Chlorobenzene	108-90-7	75 ppm TWA	75 ppm TWA	
<i>o</i> -Chlorobenzylidene— malononitrile	2698-41-1	0.05 ppm TWA	0.05 ppm (C)	X
Chlorobromomethane	74-97-5	200 ppm TWA	200 ppm TWA	
2-Chloro-1,3-butadiene; —See <i>beta</i> -Chloroprene				
Chlorodifluoromethane	75-45-6	No former PEL	1000 ppm TWA	
Chlorodiphenyl — (42% Chlorine)(PCB)	53469-21-9	1 mg/m ³ TWA	1 mg/m ³ TWA	X
Chlorodiphenyl — (54% Chlorine)(PCB)	11097-69-1	0.5 mg/m ³ TWA	0.5 mg/m ³ TWA	X
1-Chloro-2, — —3-epoxypropane; — —See Epichlorohydrin				
2-Chloroethanol; See— —Ethylene chlorohydrin				
Chloroethylene; — —see Vinyl chloride.				
Chloroform (Trichloromethane)	67-66-3	50 ppm (C)	2 ppm TWA	
bis-Chloromethyl— —ether; see 1910.1008	542-88-1			
Chloromethyl methyl— —ether; see 1910.1006	107-30-2			
1-Chloro-1-nitropropane	600-25-9	20 ppm TWA	2 ppm TWA	
Chloropentafluoroethane	76-15-3	No former PEL	1000 ppm TWA	
Chloropicrin	76-06-2	0.1 ppm TWA	0.1 ppm TWA	
<i>beta</i> -Chloroprene	126-99-8	25 ppm TWA	10 ppm TWA	X
<i>o</i> -Chlorostyrene	2039-87-4	No former PEL	50 ppm TWA 75 ppm STEL	

<i>o</i>-Chlorotoluene	-95-49-8	No former PEL	50 ppm TWA	
2-Chloro-6— (trichloromethyl) pyridine —Total dust —Respirable fraction	1929-82-4	15 mg/m³ TWA 5 mg/m³ TWA	15 mg/m³ TWA 5 mg/m³ TWA	
Chlorpyrifos	2921-88-2	No former PEL	0.2 mg/m³ TWA	×
Chromic acid and— —chromates (as CrO(3))	Varies with compound	Table Z-2—	0.1 ppm (C)	
Chromium (II) compounds —(as Cr)	7440-47-3	0.5 mg/m³ TWA	0.5 mg/m³ TWA	
Chromium (III)— compounds (as Cr)	7440-47-3	0.5 mg/m³ TWA	0.5 mg/m³ TWA	
Chromium metal and insol. salts (as Cr)	7440-47-3	1 mg/m³ TWA	1 mg/m³ TWA	
Chrysene; see Coal tar —pitch volatiles				
Clopidol —Total dust —Respirable fraction	-2971-90-6	15 mg/m³ TWA 5 mg/m³ TWA	15 mg/m³ TWA 5 mg/m³ TWA	
Coal dust (less than— —5% SiO(2)), respirable— —fraction		Table Z-3—	2 mg/m³ TWA	
Coal dust (greater than or equal to 5% SiO(2)); respirable fraction		Table Z-3—	0.1 mg/m³ TWA	
Coal tar pitch— —volatiles (benzene- —soluble fraction), —anthracene, BaP, —phenanthrene, —acridine, chrysene, —pyrene:	65966-93-2	0.2 mg/m³ TWA	0.2 mg/m³ TWA	
Cobalt, metal; dust —and fume (as Co)	7440-48-4	0.1 mg/m³ TWA	0.05 mg/m³ TWA	
Cobalt carbonyl (as Co)	10210-68-1	No former PEL	0.1 mg/m³ TWA	
Cobalt hydrocarbonyl (as Co)	16842-03-8	No former PEL	0.1 mg/m³ TWA	
Coke oven emissions; see 1910.1029				
Copper —Fume (as Cu) —Dusts and mists (as Cu)	7440-50-8	0.1 mg/m³ TWA 1 mg/m³ TWA	0.1 mg/m³ TWA 1 mg/m³ TWA	

PROPOSED RULES

Cotton dust, raw, (c); See 1910.1043		The time-weighted average applies to the cotton waste processing operation of waste recycling (blending, sorting, cleaning and willowing) and garnetting.	The time-weighted average applies to the cotton waste processing operation of waste recycling (blending, sorting, cleaning and willowing) and garnetting.	
Erag herbicide (Sesone) -Total dust -Respirable fraction.	136-78-7	15 mg/m ³ TWA 5 mg/m ³ TWA	10 mg/m ³ TWA 5 mg/m ³ TWA	
Cresol, all isomers	Varies with compound	5 ppm TWA	5 ppm TWA	X
Crotonaldehyde	123-73-9 4170-30-3	2 ppm TWA	2 ppm TWA	
Cruformate	299-86-5	No former PEL	5 mg/m ³ TWA	
Cumene	98-82-8	50 ppm TWA	50 ppm TWA	X
Cyanamide	420-04-2		2 mg/m ³ TWA	
Cyanides (as Cn)	Varies with compound	5 mg/m ³ TWA	5 mg/m ³ TWA	
Cyanogen	460-19-5	No former PEL	10 ppm TWA	
Cyanogen chloride	506-77-4	No former PEL	0.3 ppm (C)	
Cyclohexane	110-82-7	300 ppm TWA	300 ppm TWA	
Cyclohexanol	108-93-0	50 ppm TWA	50 ppm TWA	X
Cyclohexanone	108-94-1	50 ppm TWA	25 ppm TWA	
Cyclohexene	110-83-8	300 ppm TWA	300 ppm TWA	
Cyclohexylamine	108-91-8	No former PEL	10 ppm TWA	
Cyclonite	121-82-4	No former PEL	1.5 mg/m ³ TWA	X
Cyclopentadiene	542-92-7	75 ppm TWA	75 ppm TWA	
Cyclopentane	287-92-3	No former PEL	600 ppm TWA	
Cyhexatin	13121-70-5	No former PEL	5 mg/m ³ TWA	
2,4-D (Dichlorophen- -oxyacetic acid)	94-75-7	10 mg/m ³ TWA	10 mg/m ³ TWA	
Decaborane	17702-41-9	0.05 ppm TWA	0.05 ppm TWA 0.15 ppm STEL	X
Demeton (Systox)	-8065-48-3	0.1 mg/m ³ TWA	0.1 mg/m ³ TWA	X

Diacetone alcohol— (4-Hydroxy-4-methyl- —2-pentanone)	-123-42-2	50 ppm TWA	50 ppm TWA	
1,2-Diaminoethane; —see Ethylenediamine				
Diazinon	333-41-5	No former PEL	0.1 mg/m ³ TWA	X
Diazomethane	334-88-3	0.2 ppm TWA	0.2 ppm TWA	
Diborane	+9287-45-7	0.1 ppm TWA	0.1 ppm TWA	
1,2-Dibromo-3- —chloropropane (DBCP) —see 1910.1044	-96-12-8			
1,2-Dibromoethane; see —Ethylene dibromide				
2-N-Dibutylaminoethanol	-102-81-8	No former PEL	2 ppm TWA	
Dibutyl phosphate	-107-66-4	1 ppm TWA	1 ppm TWA 2 ppm STEL	
Dibutyl phthalate	-84-74-2	5 mg/m ³ TWA	5 mg/m ³ TWA	
Dichloroacetylene	7572-29-4	No former PEL	0.1 ppm (C)	
o-Dichlorobenzene	-95-50-1	50 ppm (C)	50 ppm (C)	
p-Dichlorobenzene—	-106-46-7	75 ppm TWA	75 ppm TWA 110 ppm STEL	
3,3'-Dichlorobenzidine; —see 1910.1007	-91-94-1			
Dichlorodifluoromethane	-75-71-8	1000 ppm TWA	1000 ppm TWA	
1,3-Dichloro-5,5- —dimethyl hydantoin	+118-52-5	0.2 mg/m ³ TWA	0.2 mg/m ³ TWA 0.4 mg/m ³ STEL	
Dichlorodiphenyltri- —chloroethane (DDT)	-50-29-3	1 mg/m ³ TWA	1 mg/m ³ TWA	X
1,1-Dichloroethane	75-34-3	100 ppm TWA	100 ppm TWA	
1,2-Dichloroethane; see —Ethylene dichloride				
1,2-Dichloroethylene	-540-59-0	200 ppm TWA	200 ppm TWA	
Dichloroethyl ether	+111-44-4	15 ppm (C)	5 ppm TWA 10 ppm STEL	
Dichloromethane; see —Methylene chloride				
Dichloromonofluoro- —methane	-75-43-4	1000 ppm TWA	10 ppm TWA	

PROPOSED RULES

1,1-Dichloro-1-nitroethane	594-72-9	10 ppm (C)	2 ppm TWA	
1,2-Dichloropropane; see Propylene dichloride				
1,3-Dichloropropene	542-75-6	No former PEL	1 ppm TWA	X
2,2-Dichloropropionic acid	75-99-0	No former PEL	1 ppm TWA	
Dichlorotetrafluoroethane	76-14-2	1000 ppm TWA	1000 ppm TWA	
Dichlorvos (DDVP)	62-73-7	1 mg/m ³ TWA	1 mg/m ³ TWA	X
Dicrotophos	141-66-2	No former PEL	0.25 mg/m ³ TWA	X
Dicyclopentadiene	77-73-6	No former PEL	5 ppm TWA	
Dicyclopentadienyl iron Total dust Respirable fraction	102-54-5	15 mg/m ³ TWA 5 mg/m ³ TWA	10 mg/m ³ TWA 5 mg/m ³ TWA	
Dieldrin	60-57-1	0.25 mg/m ³ TWA	0.25 mg/m ³ TWA	X
Diethanolamine	111-42-2	No former PEL	3 ppm TWA	
Diethylamine	109-89-7	25 ppm TWA	10 ppm TWA 25 ppm STEL	
2-Diethylaminoethanol	100-37-8	10 ppm TWA	10 ppm TWA	X
Diethyl ether; see Ethyl ether				
Diethyl ketone	96-22-0	No former PEL	200 ppm TWA	
Diethyl phthalate	84-66-2	No former PEL	5 mg/m ³ TWA	
Diethylene triamine	111-40-0	No former PEL	1 ppm TWA	
Difluorodibromomethane	75-61-6	100 ppm TWA	100 ppm TWA	
Diglycidyl ether (DGE)	2238-07-5	0.5 ppm (C)	0.1 ppm TWA	
Dihydroxybenzene; see Hydroquinone				
Diisobutyl ketone	108-83-8	50 ppm TWA	25 ppm TWA	
Diisopropylamine	108-18-9	5 ppm TWA	5 ppm TWA	X
4-Dimethylaminoazo benzene; see 1910.1015	60-11-7			
Dimethoxymethane; see Methylal				
Dimethyl acetamide	127-19-5	10 ppm TWA	10 ppm TWA	X

Dimethylamine	124-40-3	10 ppm TWA	10 ppm TWA	
Dimethylaminobenzene; —see Xylidine				
Dimethylaniline —(N,N-Dimethylaniline)	121-69-7	5 ppm TWA	5 ppm TWA 10 ppm STEL	X X
—Dimethylbenzene; — —see Xylene				
Dimethyl-1,2-dibromo-2 2-dichloroethyl — —phosphate	— 300-76-5	3 mg/m ³ TWA	3 mg/m ³ TWA	X
Dimethylformamide	68-12-2	10 ppm TWA	10 ppm TWA	X
2,6-Dimethyl-4- — —heptanone; see —Diisobutyl ketone				
1,1-Dimethylhydrazine	57-14-7	0.5 ppm TWA	0.5 ppm TWA	X
Dimethylphthalate	131-11-3	5 mg/m ³ TWA	5 mg/m ³ TWA	
Dimethyl sulfate	77-78-1	1 ppm TWA	0.1 ppm TWA	X
Dinitolmide — —(3,5-dinitro- — —o-toluidide)	— 148-01-6	No former PEL	5 mg/m ³ TWA	
—Dinitrobenzene — —(all isomers) — —(ortho) —(meta) —(para)	— 528-29-0 99-65-0 100-25-4	1 mg/m ³ TWA	1 mg/m ³ TWA	X
—Dinitro-o-cresol	534-52-1	0.2 mg/m ³ TWA	0.2 mg/m ³ TWA	X
Dinitrotoluene	25321-14-6	1.5 mg/m ³ TWA	1.5 mg/m ³ TWA	X
Dioxane — (Diethylene dioxide)	123-91-1	100 ppm TWA	25 ppm TWA	X
Dioxathion	78-34-2	No former PEL	0.2 mg/m ³ TWA	X
Diphenyl (Biphenyl)	92-52-4	0.2 ppm TWA	0.2 ppm TWA	
Diphenylamine	122-39-4	No former PEL	10 mg/m ³ TWA	
Diphenylmethane — —diisocyanate; see — —Methylene bisphenyl — —isocyanate				
Dipropyl ketone	123-19-3	No former PEL	50 ppm TWA	
Dipropylene glycol — —methyl ether	34590-94-8	100 ppm TWA	100 ppm TWA 150 ppm STEL	X
Diquat	85-00-7	No former PEL	0.5 mg/m ³ TWA	

PROPOSED RULES

Di-sec octyl phthalate— (Di-(2-ethylhexyl) —phthalate)	117-81-7	5 mg/m ³ TWA	5 mg/m ³ TWA 10 mg/m ³ STEL	
Disulfiram (Antabuse)	97-77-8	No former PEL	2 mg/m ³ TWA	
Disulfoton	298-04-4	No former PEL	0.1 mg/m ³ TWA	X
2,6-Di- <i>tert</i> -butyl— — <i>p</i> -cresol	128-37-0	No former PEL	10 mg/m ³ TWA	
Diuron	330-54-1	No former PEL	10 mg/m ³ TWA	
Divinyl benzene	108-57-6	No former PEL	10 ppm TWA	
Emery —Total dust —Respirable fraction:	12415-34-8	15 mg/m ³ TWA 5 mg/m ³ TWA	10 mg/m ³ TWA 5 mg/m ³ TWA	
Endosulfan	115-29-7	No former PEL	0.1 mg/m ³ TWA	X
Endrin	72-20-8	0.1 mg/m ³ TWA	0.1 mg/m ³ TWA	X
Epichlorohydrin	106-89-8	5 ppm TWA	2 ppm TWA	X
EPN	2104-64-5	0.5 mg/m ³ TWA	0.5 mg/m ³ TWA	X
1,2-Epoxypropane; see— —Propylene oxide				
2,3-Epoxy-1-propanol; —see Glycidol				
Ethanthiol; see— —Ethyl mercaptan				
Ethanolamine	141-43-5	3 ppm TWA	3 ppm TWA 6 ppm STEL	
Ethion	563-12-2	No former PEL	0.4 mg/m ³ TWA	X
2-Ethoxyethanol— (Cellosolve)	110-80-5	200 ppm TWA	200 ppm TWA	X
2-Ethoxyethyl acetate— (Cellosolve acetate)	111-15-9	100 ppm TWA	100 ppm TWA	X
Ethyl acetate	141-78-6	400 ppm TWA	400 ppm TWA	
Ethyl acrylate	140-88-5	25 ppm TWA	5 ppm TWA 25 ppm STEL	X
Ethyl alcohol (Ethanol)	64-17-5	1000 ppm TWA	1000 ppm TWA	
Ethylamine	75-04-7	10 ppm TWA	10 ppm TWA	
Ethyl amyl ketone— (5-Methyl-3— —heptanone)	106-68-3	25 ppm TWA	25 ppm TWA	

Ethyl benzene	100-41-4	100 ppm TWA	100 ppm TWA 125 ppm STEL	
Ethyl bromide	74-96-4	200 ppm TWA	200 ppm TWA 250 ppm STEL	
Ethyl butyl ketone (3-Heptanone)	106-35-4	50 ppm TWA	50 ppm TWA	
Ethyl chloride	75-00-3	1000 ppm TWA	1000 ppm TWA	
Ethyl ether	60-29-7	400 ppm TWA	400 ppm TWA 500 ppm STEL	
Ethyl formate	109-94-4	100 ppm TWA	100 ppm TWA	
Ethyl mercaptan	75-08-1	10 ppm (C)	0.5 ppm TWA	
Ethyl silicate	78-10-4	100 ppm TWA	10 ppm TWA	
Ethylene chlorohydrin	107-07-3	5 ppm TWA	1 ppm (C)	X
Ethylenediamine	107-15-3	10 ppm TWA	10 ppm TWA	
Ethylene dibromide	106-93-4	20 ppm TWA	20 ppm TWA	
Ethylene dichloride— (1,2-Dichloroethane)	107-06-2	Table Z-2	1 ppm TWA 2 ppm STEL	
Ethylene glycol	107-21-1	No former PEL	50 ppm (C)	
Ethylene glycol— dinitrate	628-96-6	1 mg/m ³ (C)	0.1 mg/m ³ STEL	X
Ethylene glycol methyl acetate; see Methyl cellosolve acetate				
Ethyleneimine; — see 1910.1012	151-56-4			
Ethylene oxide; — see 1910.1047	75-21-8			
Ethylidene chloride; — see 1,1-Dichloroethane				
N-Ethylmorpholine	100-74-3	20 ppm TWA	5 ppm TWA	X
Fenamiphos	22224-92-6	No former PEL	0.1 mg/m ³ TWA	X
Fensulfothion	115-90-2	No former PEL	0.1 mg/m ³ TWA	
Fenthion	55-38-9	No former PEL	0.2 mg/m ³ TWA	X
Ferbam Total dust Respirable fraction	14484-64-1	15 mg/m ³ TWA 5 mg/m ³ TWA	10 mg/m ³ TWA 5 mg/m ³ TWA	
Ferrovandium dust	12604-58-9	1 mg/m ³ TWA	1 mg/m ³ TWA 3 mg/m ³ STEL	

PROPOSED RULES

Fluorides (as F)	Varies with compounds	2.5 mg/m ³ TWA	2.5 mg/m ³ TWA	
Fluorine	7782-41-4	0.1 ppm TWA	0.1 ppm TWA	
Fluorotrichloromethane— (Trichloro— fluoromethane)	75-69-4	1000 ppm TWA	1000 ppm TWA (C)	
Fonofos	944-22-9	No former PEL	0.1 mg/m ³ TWA	X
Formaldehyde; ——— —see 1910.1048—	50-00-0			
Formamide	75-12-7	No former PEL	20 ppm TWA 30 ppm STEL	
Formic acid	64-18-6	5 ppm TWA	5 ppm TWA	
Furfural	98-01-1	5 ppm TWA	2 ppm TWA	X
Furfuryl alcohol	98-00-0	50 ppm TWA	10 ppm TWA 15 ppm STEL	X
Gasoline	8006-61-9	No former PEL	300 ppm TWA 500 ppm STEL	
Germanium tetrahydride	7782-65-2	No former PEL	0.2 ppm TWA	
Glycerin (mist) Total dust Respirable fraction	56-81-5	15 mg/m ³ TWA	10 mg/m ³ TWA 5 mg/m ³ TWA	
Glycidol	556-52-5	50 ppm TWA	25 ppm TWA	
Glycol monoethyl ether; see 2-Ethoxyethanol				
Grain dust (oat, wheat barley)		No former PEL	10 mg/m ³ TWA	
Graphite, natural ——— respirable dust	7782-42-5	Table Z-3 ———	2.5 mg/m ³ TWA	
Graphite, synthetic — Total dust Respirable Fraction	none	15 mg/m ³ TWA 5 mg/m ³ TWA	10 mg/m ³ TWA 5 mg/m ³ TWA	
Guthion; — —see Azinphos methyl				
Gypsum Total dust Respirable fraction	13397-214-5	15 mg/m ³ TWA 5 mg/m ³ TWA	15 mg/m ³ TWA 5 mg/m ³ TWA	
Hafnium	7440-58-6	0.5 mg/m ³ TWA	0.5 mg/m ³ TWA	
Heptachlor	76-44-8	0.5 mg/m ³ TWA	0.5 mg/m ³ TWA	X

Heptane (n-Heptane)	142-82-5	500 ppm TWA	400 ppm TWA 500 ppm STEL	
Hexachlorobutadiene	87-68-3	No former PEL	0.02 ppm TWA	
Hexachloroethane	67-72-1	1 ppm TWA	1 ppm TWA	X
Hexachloronaphthalene	1335-87-1	0.2 mg/m ³ TWA	0.2 mg/m ³ TWA	X
Hexafluoroacetone	684-16-2	No former PEL	0.1 ppm TWA	X
n-Hexane	110-54-3	500 ppm TWA	50 ppm TWA	
Hexane isomers	Varies	No former PEL	500 ppm TWA 1000 ppm STEL	
2-Hexanone (Methyl- n-butyl ketone)	591-78-6	100 ppm TWA	5 ppm TWA	
Hexone (Methyl- isobutyl ketone)	108-10-1	100 ppm TWA	50 ppm TWA 75 ppm STEL	
sec-Hexyl acetate	108-84-9	50 ppm TWA	50 ppm TWA	
Hexylene glycol	107-41-5	No former PEL	25 ppm (C)	
Hydrazine	302-01-2	1 ppm TWA	0.1 ppm TWA	X
Hydrogen bromide	10035-10-6	3 ppm TWA	3 ppm (C)	
Hydrogen chloride	7647-01-0	5 ppm (C)	5 ppm (C)	
Hydrogen cyanide	74-90-8	10 ppm TWA	4.7 ppm STEL	X
Hydrogen fluoride (as F)	7664-39-3	No former PEL	3 ppm TWA 6 ppm STEL	
Hydrogen peroxide	7722-84-1	1 ppm TWA	1 ppm TWA	
Hydrogen selenide (as Se)	7783-07-5	0.05 ppm TWA	0.05 ppm TWA	
Hydrogen sulfide	7783-06-4	Table Z-2	10 ppm TWA 15 ppm STEL	
Hydrogenated terphenyls	61788-32-7	No former PEL	0.5 ppm TWA	
Hydroquinone	123-31-9	2 mg/m ³ TWA	2 mg/m ³ TWA	
2-Hydroxypropyl acrylate	999-61-1	No former PEL	0.5 ppm TWA	X
Indene	95-13-6	No former PEL	10 ppm TWA	
Indium & compounds (As In)	7440-74-6	No former PEL	0.1 mg/m ³ TWA	
Iodine	7553-56-2	0.1 mg/m ³ (C)	0.1 ppm (C)	
Iodoform	75-47-8	No former PEL	0.6 ppm TWA	
Iron oxide, dust & fume Total particulate	1309-37-1	10 mg/m ³ TWA	10 mg/m ³ TWA	

PROPOSED RULES

Iron pentacarbonyl	13463-40-6	No former PEL	0.1 ppm TWA 0.2 ppm STEL	
Iron salts (soluble) —(as Fe)	Varies with compound	No former PEL	1 mg/m ³ TWA	
Isoamyl acetate	123-92-2	100 ppm TWA	100 ppm TWA	
Isoamyl alcohol — —(primary and secondary)	123-51-3	100 ppm TWA	100 ppm TWA 125 ppm STEL	
Isobutyl acetate	110-19-0	150 ppm TWA	150 ppm TWA	
Isobutyl alcohol	78-83-1	100 ppm TWA	50 ppm TWA	
Isooctyl alcohol	26952-21-6	No former PEL	50 ppm TWA	✕
Isophorone	78-59-1	25 ppm TWA	4 ppm TWA	
Isophorone diisocyanate	4098-71-9	No former PEL	0.005 ppm TWA 0.02 ppm STEL	✕ ✕
2-Isopropoxyethanol	109-59-1	No former PEL	25 ppm TWA	
Isopropyl acetate	108-21-4	250 ppm TWA	250 ppm TWA 310 ppm STEL	
Isopropyl alcohol	67-63-0	400 ppm TWA	400 ppm TWA 500 ppm STEL	
Isopropylamine	75-31-0	5 ppm TWA	5 ppm TWA 10 ppm STEL	
N-Isopropylaniline	768-52-5	No former PEL	2 ppm TWA	✕
Isopropyl ether	108-20-3	500 ppm TWA	500 ppm TWA	
Isopropyl glycidyl —ether (IGE)	4016-14-2	50 ppm TWA	50 ppm TWA 75 ppm STEL	
Kaolin —Total dust —Respirable fraction	1332-58-7	15 mg/m ³ TWA 5 mg/m ³ TWA	10 mg/m ³ TWA 5 mg/m ³ TWA	
Ketene	463-51-4	0.5 ppm TWA	0.5 ppm TWA 1.5 ppm STEL	
Lead inorganic (as Pb); —see 1910.1025	7439-92-1			
Limestone —Total dust —Respirable fraction	1317-65-3 —	15 mg/m ³ TWA 5 mg/m ³ TWA	15 mg/m ³ TWA 5 mg/m ³ TWA	
Lindane	58-89-9	0.5 mg/m ³ TWA	0.5 mg/m ³ TWA	✕
Lithium hydride	7580-67-8	0.025 mg/m ³ TWA	0.025 mg/m ³ TWA	
L.P.G. (Liquified petroleum gas)	68476-85-7	1000 ppm TWA	1000 ppm TWA	

Magnesite —Total dust —Respirable fraction:	546-93-0	15 mg/m ³ TWA 5 mg/m ³ TWA	15 mg/m ³ TWA 5 mg/m ³ TWA	
Magnesium oxide fume —Total Particulate —Respirable fraction	1309-48-4	15 mg/m ³ TWA 5 mg/m ³ TWA	10 mg/m ³ TWA 5 mg/m ³ TWA	
Malathion —Total dust —Respirable fraction	121-75-5	15 mg/m ³ TWA 5 mg/m ³ TWA	10 mg/m ³ TWA 5 mg/m ³ TWA	X
Maleic anhydride	108-31-6	0.25 ppm TWA	0.25 ppm TWA	
Manganese compounds —(as Mn)	7439-96-5	5 mg/m ³ (C)	5 mg/m ³ TWA (C)	
Manganese fume (as Mn)	7439-96-5	5 mg/m ³ (C)	1 mg/m ³ TWA 3 mg/m ³ STEL	
Manganese cyclopentadi- enyl tricaronyl(as Mn)	12079-65-1	No former PEL	0.1 mg/m ³ TWA	X
Manganese tetroxide(Mn)	1317-35-7	No former PEL	1 mg/m ³ TWA	
Marble —Total dust —Respirable fraction	1317-65-3	15 mg/m ³ TWA 5 mg/m ³ TWA	15 mg/m ³ TWA 5 mg/m ³ TWA	
Mercury (aryl and— inorganic)(as Hg)	7439-97-6	0.1 mg/m ³ TWA	0.1 mg/m ³ (C)	X
Mercury (organo) alkyl —compounds (as Hg)	7439-97-6 7439-97-6	0.01 mg/m ³ TWA 0.04 mg/m ³ (C)	0.01 mg/m ³ TWA 0.03 mg/m ³ STEL	X
Mercury (vapor) (as Hg)	7439-97-6	0.1 mg/m ³ TWA	0.05 mg/m ³ TWA	X
Mesityl oxide	141-79-7	25 ppm TWA	15 ppm TWA 25 ppm STEL	
Methacrylic acid	79-14-4	No former PEL	20 ppm TWA	X
Methanethiol; — —see Methyl mercaptan.				
Methomyl	16752-77-15	No former PEL	2.5 mg/m ³ TWA	
Methoxychlor — —Total dust —Respirable fraction	72-43-5	15 mg/m ³ TWA 5 mg/m ³ TWA	10 mg/m ³ TWA 5 mg/m ³ TWA	
2-Methoxyethanol; —(Methyl cellosolve)	109-86-4	25 ppm TWA	25 ppm TWA	X
2-Methoxyethyl acetate —(Methyl cellosolve — acetate)	110-49-6	25 ppm TWA	25 ppm TWA	X
4-Methoxyphenol	150-76-5	No former PEL	5 mg/m ³ TWA	

PROPOSED RULES

Methyl acetate	-79-20-9	200 ppm TWA	200 ppm TWA 250 ppm STEL	
Methyl acetylene (Propyne)	74-99-7	1000 ppm TWA	1000 ppm TWA	
Methyl acetylene— —propadiene mixture —(MAPP)		1000 ppm TWA	1000 ppm TWA 1250 ppm STEL	
Methyl acrylate	-96-33-3	10 ppm TWA	10 ppm TWA	✕
Methylacrylonitrile	-126-98-7	No former PEL	1 ppm TWA	✕
Methylal— —(Dimethoxymethane)	109-87-5	1000 ppm TWA	1000 ppm TWA	
Methyl alcohol	67-56-1	200 ppm TWA	200 ppm TWA 250 ppm STEL	✕ ✕
Methylamine	74-89-5	10 ppm TWA	10 ppm TWA	
Methyl amyl alcohol;— —see Methyl Isobutyl— —carbinol				
Methyl <i>n</i> -amyl ketone	110-43-0	100 ppm TWA	100 ppm TWA	
Methyl bromide	74-83-9	20 ppm (C)	5 ppm TWA	✕
Methyl butyl ketone;— —see 2-Hexanone				
Methyl cellosolve;— —see 2-Methoxyethanol				
Methyl cellosolve— —acetate;— —see 2-Methoxyethyl— —acetate				
Methyl chloride	74-87-3	100 ppm TWA 200 ppm (C)	50 ppm TWA 100 ppm STEL	
Methyl chloroform— —(1,1,1-Trichloro— —ethane)	71-55-6	350 ppm TWA	350 ppm TWA 450 ppm STEL	
Methyl 2-cyanoacrylate	137-05-3	No former PEL	2 ppm TWA 4 ppm STEL	
Methylcyclohexane	108-87-2	500 ppm TWA	400 ppm TWA	
Methylcyclohexanol	-25639-42-3	100 ppm TWA	50 ppm TWA	
<i>o</i> -Methylcyclohexanone	-583-60-8	100 pm TWA	50 ppm TWA 75 ppm STEL	✕
Methylcyclopenta— —dienyl manganese— —tricarbonyl (as Mn)	12108-13-3	No former PEL	0.2 mg/m ³ TWA	✕

PROPOSED RULES

Methyl demeton	8022-00-2	No former PEL	0.5 mg/m ³ TWA	X
4,4'-Methylene bis(2-chloroaniline)(MBOCA)	101-14-4	No former PEL	0.02 ppm TWA	X
Methylene chloride See 29 CFR 1910.1052	75-09-2			
Methyl ethyl ketone — (MEK); see 2-Butanone				
Methyl ethyl ketone- peroxide (MEKP)	1338-23-4	No former PEL	0.7 ppm (C)	
Methyl formate	107-31-3	100 ppm TWA	100 ppm TWA 150 ppm STEL	
Methyl hydrazine — (Monomethyl — hydrazine)	60-34-4	0.2 ppm (C)	0.2 ppm (C)	X
Methyl iodide	74-88-4	5 ppm TWA	2 ppm TWA	X
Methyl isoamyl ketone	110-12-3	No former PEL	50 ppm TWA	
Methyl isobutyl carbinol	108-11-2	25 ppm TWA	25 ppm TWA 40 ppm STEL	X X
Methyl isobutyl ketone; see Hexone				
Methyl isocyanate	624-83-9	0.02 ppm TWA	0.02 ppm TWA	X
Methyl isopropyl ketone	563-80-4	No former PEL	200 ppm TWA	
Methyl mercaptan	74-93-1	10 ppm (C)	10 ppm (C)	
Methyl methacrylate	80-62-6	100 ppm TWA	100 ppm TWA	
Methyl parathion	298-00-0	No former PEL	0.2 mg/m ³ TWA	X
Methyl propyl ketone; — see 2-Pentanone				
Methyl silicate	681-84-5	No former PEL	1 ppm TWA	
<i>alpha</i> -Methyl styrene	98-83-9	100 ppm (C)	50 ppm TWA 100 ppm STEL	
Methylene bis(4- — cyclohexylisocyanate	5124-30-1	No former PEL	0.01 ppm (C)	X
Methylene bisphenyl — isocyanate (MDI)	101-68-8	0.02 ppm (C)	0.02 ppm (C)	
Metribuzin	21087-64-9	No former PEL	5 mg/m ³ TWA	
Mica; see Silicates				

PROPOSED RULES

Molybdenum (as Mo) —Soluble compounds —Insoluble Compounds— —Total dust— —Respirable fraction—	7439-98-7	5 mg/m ³ TWA 15 mg/m ³ TWA 5 mg/m ³ TWA	5 mg/m ³ TWA 10 mg/m ³ TWA 5 mg/m ³ TWA	
Monocrotophos	6923-22-4	No former PEL	0.25 mg/m ³ TWA	
Monomethyl aniline	100-61-8	2 ppm TWA	0.5 ppm TWA	X
Monomethyl hydrazine; —see Methyl hydrazine				
Morpholine	110-91-8	20 ppm TWA	20 ppm TWA 30 ppm STEL	X X
Naphtha (Coal tar)	8030-30-6	100 ppm TWA	100 ppm TWA	
Naphthalene	91-20-3	10 ppm TWA	10 ppm TWA 15 ppm STEL	
alpha-Naphthylamine; —see 1910.1004	134-32-7			
beta-Naphthylamine; —see 1910.1009	91-59-8			
Nickel carbonyl (as Ni)	13463-39-3	0.001 ppm TWA	0.001 ppm TWA	
Nickel, metal and— —insoluble compounds— (as Ni)	7440-02-0	1 mg/m ³ TWA	1 mg/m ³ TWA	
Nickel, soluble— —compounds (as Ni)	7440-02-0	1 mg/m ³ TWA	0.1 mg/m ³ TWA	
Nicotine	54-11-5	0.5 mg/m ³ TWA	0.5 mg/m ³ TWA	X
Nitric acid	7697-37-2	2 ppm TWA	2 ppm TWA 4 ppm STEL	
Nitric oxide	10102-43-9	25 ppm TWA	25 ppm TWA	
p-Nitroaniline	100-01-6	6 mg/m ³ TWA	3 mg/m ³ TWA	X
-Nitrobenzene	98-95-3	1 ppm TWA	1 ppm TWA	X
p-Nitrochlorobenzene	100-00-5	1 mg/m ³ TWA	1 mg/m ³ TWA	X
4-Nitrodiphenyl; —see 1910.1003	92-93-3			
Nitroethane	79-24-3	100 ppm TWA	100 ppm TWA	
Nitrogen dioxide	10102-44-0	5 ppm (C)	1 ppm STEL	
Nitrogen trifluoride	7783-54-2	10 ppm TWA	10 ppm TWA	
Nitroglycerin	55-63-0	1 mg/m ³ (C)	0.1 mg/m ³ STEL	X
Nitromethane	75-52-5	100 ppm TWA	100 ppm TWA	

PROPOSED RULES

1-Nitropropane	108-03-2	25 ppm TWA	25 ppm TWA	
2-Nitropropane	79-46-9	25 ppm TWA	10 ppm TWA	
N-Nitrosodimethylamine; —see 1910.1016—				
Nitrotoluene—— —(all isomers) — <i>o</i> -isomer — <i>m</i> -isomer — <i>p</i> -isomer	 88-72-2 99-08-1 99-99-0	 5 ppm TWA 5 ppm TWA 5 ppm TWA	 2 ppm TWA 2 ppm TWA 2 ppm TWA	 X X X
Nitrotrichloromethane; —see Chloropicrin				
Nonane	111-84-2	No former PEL	200 ppm TWA	
Octachloronaphthalene	2234-13-1	0.1 mg/m ³ TWA	0.1 mg/m ³ TWA 0.3 mg/m ³ STEL	X
Octane	111-65-9	500 ppm TWA	300 ppm TWA 375 ppm STEL	
Oil mist, mineral	8012-95-1	5 mg/m ³ TWA	5 mg/m ³ TWA	
Osmium tetroxide—— —(as Os)	20816-12-0	0.002 mg/m ³ TWA	0.002 mg/m ³ TWA 0.006 mg/m ³ STEL	
Oxalic acid	144-62-7	1 mg/m ³ TWA	1 mg/m ³ TWA 2 mg/m ³ STEL	
Oxygen difluoride	7783-41-7	0.05 ppm TWA	0.05 ppm (C)	
Ozone	10028-15-6	0.1 ppm TWA	0.1 ppm TWA 0.3 ppm STEL	
Paraffin wax fume	8002-74-2	No former PEL	2 mg/m ³ TWA	
Paraquat, respirable—— —dust	4685-14-7 1910-42-5 2074-50-2	0.5 mg/m ³ TWA	0.1 mg/m ³ TWA	X
Parathion	56-38-2	0.1 mg/m ³ TWA	0.1 mg/m ³ TWA	X
Particulates not—— —otherwise regulated— —(PNOR)(f) —Total dust —Respirable fraction		 15 mg/m ³ TWA 5 mg/m ³ TWA	 15 mg/m ³ TWA 5 mg/m ³ TWA	
PCB; see Chlorodiphenyl —(42% and 54%— —chlorine)				
Pentaborane	19624-22-7	0.005 ppm TWA	0.005 ppm TWA 0.015 ppm STEL	
Pentachloronaphthalene	1321-64-8	0.5 mg/m ³ TWA	0.5 mg/m ³ TWA	X

PROPOSED RULES

Pentachlorophenol	—87-86-5	0.5 mg/m ³ TWA	0.5 mg/m ³ TWA	×
Pentaerythritol	115-77-5			
—Total dust		15 mg/m ³ TWA	10 mg/m ³ TWA	
—Respirable fraction		5 mg/m ³ TWA	5 mg/m ³ TWA	
Pentane	109-66-0	1000 ppm TWA	600 ppm TWA 750 ppm STEL	
2-Pentanone (Methyl- —propyl ketone)	107-87-9	200 ppm TWA	200 ppm TWA 250 ppm STEL	
Perchloroethylene— —(Tetrachloroethylene)	127-18-4	Table Z-2	25 ppm TWA	
Perchloromethyl— —mercaptan	594-42-3	0.1 ppm TWA	0.1 ppm TWA	
Perchloryl fluoride	7616-94-6	3 ppm TWA	3 ppm TWA 6 ppm STEL	
Perlite	93763-70-3			
—Total dust		15 mg/m ³ TWA	15 mg/m ³ TWA	
—Respirable fraction		5 mg/m ³ TWA	5 mg/m ³ TWA	
Petroleum distillates —(Naphtha)(Rubber —Solvent)	8002-05-9	500 ppm TWA	400 ppm TWA	
Phenol	108-95-2	5 ppm TWA	5 ppm TWA	×
Phenothiazine	92-84-2	No former PEL	5 mg/m ³ TWA	×
p-Phenylene diamine	106-50-3	0.1 mg/m ³ TWA	0.1 mg/m ³ TWA	×
Phenyl ether, vapor	101-84-8	1 ppm TWA	1 ppm TWA	
Phenyl ether-biphenyl —mixture, vapor		1 ppm TWA	1 ppm TWA	
Phenylethylene;— —see Styrene				
Phenyl glycidyl ether— —(PGE)	122-60-1	10 ppm TWA	1 ppm TWA	
Phenylhydrazine	100-63-0	5 ppm TWA	5 ppm TWA 10 ppm STEL	×
Phenyl mercaptan:	108-98-5	No former PEL	0.5 ppm TWA	
Phenylphosphine	638-21-1	No former PEL	0.05 ppm (C)	
Phorate (Thimet)	298-02-2	No former PEL	0.05 mg/m ³ TWA 0.2 mg/m ³ STEL	×
Phosdrin (Mevinphos)	7786-34-7	0.1 mg/m ³ TWA	0.1 mg/m ³ TWA 0.3 mg/m ³ STEL	×
Phosgene (Carbonyl— —chloride)	75-44-5	0.1 ppm TWA	0.1 ppm TWA	

Phosphine	7803-51-2	0.3 ppm TWA	0.3 ppm TWA 1 ppm STEL	
Phosphoric acid	7664-38-2	1 mg/m ³ TWA	1 mg/m ³ TWA 3 mg/m ³ STEL	
Phosphorus (yellow)	7723-14-0	0.1 mg/m ³ TWA	0.1 mg/m ³ TWA	
Phosphorus oxychloride	10025-87-3	No former PEL	0.1 ppm TWA	
Phosphorus— pentachloride	10026-13-8	1 mg/m ³ TWA	1 mg/m ³ TWA	
Phosphorus pentasulfide	1314-80-3	1 mg/m ³ TWA	1 mg/m ³ TWA 3 mg/m ³ STEL	
Phosphorus trichloride	7719-12-2	0.5 ppm TWA	0.2 ppm TWA 0.5 ppm STEL	
Phthalic anhydride	85-44-9	2 ppm TWA	1 ppm TWA	
<i>m</i> -Phthalodinitrile	626-17-5	No former PEL	5 mg/m ³ TWA	
Picloram Total dust Respirable fraction	1918-02-1	15 mg/m ³ TWA 5 mg/m ³ TWA	10 mg/m ³ TWA 5 mg/m ³ TWA	
Picric acid	88-89-1	0.1 mg/m ³ TWA	0.1 mg/m ³ TWA	X
Pindone (2-Pivalyl-1, 3-indandione)	83-26-1	0.1 mg/m ³ TWA	0.1 mg/m ³ TWA	
Piperazine dihydro— chloride	142-64-3	No former PEL	5 mg/m ³ TWA	
Plaster of paris Total dust Respirable fraction	26499-65-0	15 mg/m ³ TWA 5 mg/m ³ TWA	15 mg/m ³ TWA 5 mg/m ³ TWA	
Platinum (as Pt) Metal Soluble Salts	7440-06-4	0.002 mg/m ³ TWA	1 mg/m ³ TWA 0.002 mg/m ³ TWA	
Portland cement Total dust Respirable fraction	65997-15-1	15 mg/m ³ TWA 5 mg/m ³ TWA	10 mg/m ³ TWA 5 mg/m ³ TWA	
Propane	74-98-6	1000 ppm TWA	1000 ppm TWA	
Propargyl alcohol	107-19-7	No former PEL	1 ppm TWA	X
Propionic acid	79-09-4	No former PEL	10 ppm TWA	
Propoxur	114-26-1	No former PEL	0.5 mg/m ³ TWA	
<i>beta</i> -Propiolactone;— see 1910.1013	57-57-8			
<i>n</i> -Propyl acetate	109-60-4	200 ppm TWA	200 ppm TWA 250 ppm STEL	

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<i>n</i> -Propyl alcohol	-71-23-8	200 ppm-TWA	200 ppm-TWA 250 ppm-STEL	
<i>n</i> -Propyl nitrate	-627-13-4	-25 ppm-TWA	-25 ppm-TWA 40 ppm-STEL	
Propylene dichloride	78-87-5	75 ppm-TWA	-75 ppm-TWA 110 ppm-STEL	
Propylene glycol -dinitrate	-6423-43-4	No former PEL	-0.05 ppm-TWA	
Propylene glycol mono- -methyl ether	107-98-2	No former PEL	100 ppm-TWA 150 ppm-STEL	
Propylene imine	75-55-8	2 ppm-TWA	2 ppm-TWA	X
Propylene oxide	75-56-9	100 ppm-TWA	20 ppm-TWA	
Propyne; see Methyl — -acetylene				
Pyrethrum	8003-34-7	5 mg/m ³ -TWA	5 mg/m ³ -TWA	
Pyridine	110-86-1	5 ppm-TWA	-5 ppm-TWA	
Quinone	106-51-4	0.1 ppm-TWA	-0.1 ppm-TWA	
RDX; see Cyclonite				
Resorcinol -	108-46-3	No former PEL	10 ppm-TWA 20 ppm-STEL	
Rhodium (as Rh), metal- -fume and insoluble -compounds	7440-16-6	0.1 mg/m ³ -TWA	0.1 mg/m ³ -TWA	
Rhodium (as Rh), — -soluble compounds	7440-16-6	0.001 mg/m ³ -TWA	-0.001 mg/m ³ -TWA	
Ronnel	299-84-3	15 mg/m ³ -TWA	-10 mg/m ³ -TWA	
Rotenone	-83-79-4	5 mg/m ³ -TWA	-5 mg/m ³ -TWA	
Rouge -Total dust -Respirable fraction		15 mg/m ³ -TWA 5 mg/m ³ -TWA	10 mg/m ³ -TWA 5 mg/m ³ -TWA	
Selenium compounds- -(as Se)	7782-49-2	0.2 mg/m ³ -TWA	0.2 mg/m ³ -TWA	
Selenium hexafluoride -(as Se)	7783-79-1	0.05 ppm-TWA	0.05 ppm-TWA	
Silica, amorphous, — -precipitated and gel	112926-00-8	Table Z-3—	6 mg/m ³ -TWA	

PROPOSED RULES

Silica, amorphous, — —diatomaceous earth, —containing less than —1% crystalline silica		Table Z-3	6 mg/m ³ TWA	
Silica, crystalline — —cristobalite, respirable dust	14464-46-1	Table Z-3	0.05 mg/m ³ TWA	
Silica, crystalline — —quartz, respirable dust	14808-60-7	Table Z-3	0.1 mg/m ³ TWA	
Silica, crystalline — —tripoli (as quartz), — —respirable dust	1317-95-9	Table Z-3	0.1 mg/m ³ TWA	
Silica, crystalline — —tridymite, — —respirable dust	15468-32-3	Table Z-3	0.05 mg/m ³ TWA	
Silica, fused, — —respirable dust	60676-86-0	Table Z-3	0.1 mg/m ³ TWA	
Silicates (less than 1% —crystalline silica) —Mica (respirable dust) —Soapstone, total dust —Soapstone, respirable dust —Talc (containing —asbestos): use asbestos —limit: see —29 CFR 1910.1001	12001-26-2	Table Z-3 Table Z-3 Table Z-3	3 mg/m ³ TWA 6 mg/m ³ TWA 3 mg/m ³ TWA	
—Talc (containing no —asbestos), — —respirable dust —Tremolite, — —asbestiform; see —1910.1001	14807-96-6	Table Z-3	2 mg/m ³ TWA	
Silicon —Total dust —Respirable fraction	7440-21-3	15 mg/m ³ TWA 5 mg/m ³ TWA	10 mg/m ³ TWA 5 mg/m ³ TWA	
Silicon carbide —Total dust —Respirable fraction	409-21-2	15 mg/m ³ TWA 5 mg/m ³ TWA	10 mg/m ³ TWA 5 mg/m ³ TWA	
Silicon tetrahydride	7803-62-5		5 ppm TWA	
Silver, metal dust and fume —(as Ag)	7440-22-4	0.01 mg/m ³ TWA	0.01 mg/m ³ TWA	
Soapstone; — —see Silicates				
Sodium azide —(as HN ₃) —(as NaN ₃)	26628-22-8	No former PEL	0.1 ppm (C) 0.3 mg/m ³ (C)	X X
Sodium bisulfite	7631-90-5	No former PEL	5 mg/m ³ TWA	

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Sodium fluoroacetate	62-74-8	0.05 mg/m ³ TWA	-0.05 mg/m ³ TWA -0.15 mg/m ³ STEL	X X
Sodium hydroxide	-1310-73-2	2 mg/m ³ TWA	2 mg/m ³ (C)	
Starch -Total dust -Respirable fraction	9005-25-8	-15 mg/m ³ TWA 5 mg/m ³ TWA	15 mg/m ³ TWA 5 mg/m ³ TWA	
Stibine	7803-52-3	0.1 ppm TWA	0.1 ppm TWA	
Stoddard solvent	-8052-41-3	500 ppm TWA	100 ppm TWA	
Strychnine	57-24-9	0.15 mg/m ³ TWA	0.15 mg/m ³ TWA	
Styrene	100-42-5	Table Z-2	50 ppm TWA 100 ppm STEL	
Sucrose -Total dust -Respirable fraction	57-50-1	15 mg/m ³ TWA 5 mg/m ³ TWA	15 mg/m ³ TWA 5 mg/m ³ TWA	
Sulfur dioxide	-7446-09-5	5 ppm TWA	2 ppm TWA 5 ppm STEL	
Sulfur hexafluoride	2551-62-4	1000 ppm TWA	1000 ppm TWA	
Sulfuric acid	7664-93-9	1 mg/m ³ TWA	-1 mg/m ³ TWA	
Sulfur monochloride	10025-67-9	-1 ppm TWA	-1 ppm (C)	
Sulfur pentafluoride	5714-22-7	0.025 ppm TWA	-0.01 ppm (C)	
Sulfur tetrafluoride	7783-60-0		0.1 ppm (C)	
Sulfuryl fluoride	2699-79-8	5 ppm TWA	5 ppm TWA 10 ppm STEL	
Sulprofos	35400-43-2	No former PEL	1 mg/m ³ TWA	
Systox; see Demeton; 2,4,5-T (2,4,5-tri- -chlorophenoxyacetic -acid)	-93-76-5	10 mg/m ³ TWA	10 mg/m ³ TWA	
Talc; see Silicates				
Tantalum, metal and -oxide dust	7440-25-7	5 mg/m ³ TWA	5 mg/m ³ TWA	
TEDP (Sulfotep)	-3689-24-5	0.2 mg/m ³ TWA	-0.2 mg/m ³ TWA	X
Tellurium and -compounds (as Te)	13494-80-9	0.1 mg/m ³ TWA	0.1 mg/m ³ TWA	
Tellurium hexafluoride -(as Te)	7783-80-4	0.02 ppm TWA	-0.02 ppm TWA	
Temephos -Total dust -Respirable fraction	3383-96-8	15 mg/m ³ TWA 5 mg/m ³ TWA	-10 mg/m ³ TWA -5 mg/m ³ TWA	

PROPOSED RULES

TEPP (Tetraethyl— pyrophosphaaate)	107-49-3	0.05 mg/m ³ TWA	0.05 ppm TWA	X
Terphenyls	26140-60-3	1 ppm (C)	0.5 ppm (C)	
1,1,1,2-Tetrachloro— 2,2-difluoroethane	76-11-9	500 ppm TWA	500 ppm TWA	
1,1,2,2-Tetrachloro— 1,2-difluoroethane	76-12-0	500 ppm TWA	500 ppm TWA	
1,1,2,2-Tetrachloroethane	79-34-5	5 ppm TWA	1 ppm TWA	X
Tetrachloroethylene;— —see Perchloroethylene				
Tetrachloromethane; see —Carbon tetrachloride				
Tetrachloronaphthalene	1335-88-2	2 mg/m ³ TWA	2 mg/m ³ TWA	X
Tetraethyl lead (as Pb)	78-00-2	0.075 mg/m ³ TWA	0.075 mg/m ³ TWA	X
Tetrahydrofuran	109-99-9	200 ppm TWA	200 ppm TWA 250 ppm STEL	
Tetramethyl lead (as Pb)	75-74-1	0.075 mg/m ³ TWA	0.075 mg/m ³ TWA	X
Tetramethyl— —succinonitrile	3333-52-6	0.5 ppm TWA	0.5 ppm TWA	X
Tetranitromethane	509-14-8	1 ppm TWA	1 ppm TWA	
Tetrasodium— —Pyrophosphate	7722-88-5		5 mg/m ³ TWA	
Tetryl (2,4,6-Trinitro- phenylmethyl- nitramine)	479-45-8	1.5 mg/m ³ TWA	0.1 mg/m ³ TWA	X
Thallium, soluble— —compounds (as Tl)	7440-28-0	0.1 mg/m ³ TWA	0.1 mg/m ³ TWA	X
4,4'-Thiobis(6-tert- Butyl- <i>m</i> -cresol) —Total dust —Respirable fraction	96-69-5	15 mg/m ³ TWA 5 mg/m ³ TWA	10 mg/m ³ TWA 5 mg/m ³ TWA	
Thioglycolic acid	68-11-1	No former PEL	1 ppm TWA	X
Thionyl chloride	7719-09-7	No former PEL	1 ppm (C)	
Thiram	137-26-8	5 mg/m ³ TWA	5 mg/m ³ TWA	
Tin, inorganic compounds (except oxides) (as Sn)	7440-31-5	No former PEL	2 mg/m ³ TWA	
Tin, organic compounds (as Sn)	7440-31-5	0.1 mg/m ³ TWA	0.1 mg/m ³ TWA	X
Tin oxide	7440-31-5	No former PEL	2 mg/m ³ TWA	

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Titanium dioxide — Total dust — Respirable fraction	13463-67-7	15 mg/m ³ TWA 5 mg/m ³ TWA	10 mg/m ³ TWA 5 mg/m ³ TWA	
Toluene	108-88-3	Table Z-2	100 ppm TWA 150 ppm STEL	
Toluene-2,4- —diisocyanate (TDI)	584-84-9	0.02 ppm (C)	0.005 ppm TWA 0.02 ppm STEL	
<i>m</i> -Toluidine	108-44-1	No former PEL	2 ppm TWA	X
<i>o</i> -Toluidine	95-53-4	5 ppm TWA	5 ppm TWA	X
<i>p</i> -Toluidine	106-49-0	No former PEL	2 ppm TWA	X
Toxaphene; see —Chlorinated camphene				
Tremolite; —see Silicates				
Tributyl phosphate	126-73-8	5 mg/m ³ TWA	2.5 mg/m ³ TWA	
Trichloroacetic acid	76-03-9	No former PEL	1 ppm TWA	
1,1,1-Trichloroethane; —see Methyl chloroform				
1,1,2-Trichloroethane	79-00-5	10 ppm TWA	10 ppm TWA	X
Trichloroethylene	79-01-6	Table Z-2	50 ppm TWA 200 ppm STEL	
Trichloromethane; —see Chloroform				
Trichloronaphthalene	1321-65-9	5 mg/m ³ TWA	5 mg/m ³ TWA	
1,2,3-Trichloropropane	96-18-4	50 ppm TWA	10 ppm TWA	
1,1,2-Trichloro-1,2, 2- trifluoroethane	76-13-1	1000 ppm TWA	1000 ppm TWA 1250 ppm STEL	
Triethylamine	121-44-8	25 ppm TWA	10 ppm TWA 15 ppm STEL	
Trifluorobromomethane	75-63-8	1000 ppm TWA	1000 ppm TWA	
Trimellitic anhydride	552-30-7	No former PEL	0.005 ppm TWA	
Trimethylamine	75-50-3	No former PEL	10 ppm TWA 15 ppm STEL	
Trimethyl benzene	25551-13-7	No former PEL	25 ppm TWA	
Trimethyl phosphite	121-45-9	No former PEL	2 ppm TWA	
2,4,6-Trinitrophenyl; —see Picric acid				

2,4,6-Trinitrophenyl- —methyl nitramine; —see Tetryl				
2,4,6-Trinitrotoluene- (TNT)	118-96-7	1.5 mg/m ³ TWA	0.5 mg/m ³ TWA	X
Triorthocresyl— —phosphate	78-30-8	0.1 mg/m ³ TWA	0.1 mg/m ³ TWA	X
Triphenyl amine	603-34-9	No former PEL	5 mg/m ³ TWA	
Triphenyl phosphate	115-86-6	3 mg/m ³ TWA	3 mg/m ³ TWA	
Tungsten Compounds— —(as W) —(insoluble) — —(Soluble)	7440-33-7	No former PEL	5 mg/m ³ TWA 5 mg/m ³ TWA 10 mg/m ³ STEL 1 mg/m ³ TWA 3 mg/m ³ STEL	
Turpentine	8006-64-2	100 ppm TWA	100 ppm TWA	
Uranium (as U) —Soluble compounds —Insoluble compounds	7440-61-1	0.05 mg/m ³ TWA 0.25 mg/m ³ TWA	0.05 mg/m ³ TWA 0.2 mg/m ³ TWA 0.6 mg/m ³ STEL	
n-Valeraldehyde	110-62-3	No former PEL	50 ppm TWA	
Vanadium— —Respirable dust (as V ₂ O ₅) —Fume (as V ₂ O ₅)	1314-62-1	0.5 ppm (C) 0.1 ppm (C)	0.5 mg/m ³ (C) 0.1 mg/m ³ (C)	
Vegetable oil mist —Total dust —Respirable fraction		15 mg/m ³ TWA 5 mg/m ³ TWA	15 mg/m ³ TWA 5 mg/m ³ TWA	
Vinyl acetate	108-05-4	No former PEL	10 ppm TWA 20 ppm STEL	
Vinyl benzene; — —see Styrene				
Vinyl bromide	593-60-2	No former PEL	5 ppm TWA	
Vinyl chloride; — —see 1910.1017	75-01-5			
Vinyl cyanide; — —see Acrylonitrile				
Vinyl cyclohexene- dioxide	106-87-6	No former PEL	10 ppm TWA	X
Vinylidene chloride— (1,1-dichloroethylene)	75-35-4	No former PEL	1 ppm TWA	
Vinyl toluene	25013-15-4	100 ppm TWA	100 ppm TWA	

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VM&P Naptha	-8032-32-4	No former PEL	300 ppm TWA 400 ppm STEL	
Warfarin	-81-81-2	0.1 mg/m ³ TWA	0.1 mg/m ³ TWA	
Welding fumes (Total particulate)		No former PEL	-5 mg/m ³ TWA	
Wood dust —all soft and hard— —woods except Western —red cedar	NONE	No former PEL	5 mg/m ³ TWA 10 mg/m ³ STEL	
Wood dust, allergenic— (Western Red Cedar)	NONE	No former PEL	2.5 mg/m ³ TWA	
m-Xylene-alpha, alpha', —diamine	1477-55-0	No former PEL	-0.1 mg/m ³ (C)	X
Xylenes— (o-, m-, p-isomers)	1330-20-7	100 ppm TWA	100 ppm TWA 150 ppm STEL	
Xylidine	1300-73-8	5 ppm TWA	-2 ppm TWA	X
Yttrium	7440-65-5	1 mg/m ³ TWA	1 mg/m ³ TWA	
Zinc chloride fume	-7646-85-7	1 mg/m ³ TWA	1 mg/m ³ TWA 2 mg/m ³ STEL	
Zinc chromate— (as CrO ₃)	varies with compound	Table Z-2	-0.1 mg/m ³ (C)	
Zinc oxide fume	-1314-13-2	5 mg/m ³ TWA	-5 mg/m ³ TWA 10 mg/m ³ STEL	
Zinc oxide —Total dust —Respirable fraction	-1314-13-2	15 mg/m ³ TWA 5 mg/m ³ TWA	10 mg/m ³ TWA 5 mg/m ³ TWA	
Zinc stearate —Total dust —Respirable fraction	557-05-1	15 mg/m ³ TWA 5 mg/m ³ TWA	10 mg/m ³ TWA 5 mg/m ³ TWA	
Zirconium compounds— (as Zr)	7440-67-7	5 mg/m ³ TWA	5 mg/m ³ TWA 10 mg/m ³ STEL	

TABLE Z-1 -- PERMISSIBLE EXPOSURE LIMITS (PELs) FOR AIR CONTAMINANTS

<u>Substance</u>	<u>CAS #</u>	<u>TWA</u>		<u>STEL</u>		<u>Ceiling</u>		<u>Skin desig- nation</u>
		<u>ppm</u>	<u>mg/m³</u>	<u>ppm</u>	<u>mg/m³</u>	<u>ppm</u>	<u>mg/m³</u>	
Acetaldehyde	75-07-0	100	180	150	270	--	--	--
Acetic acid	64-19-7	see 1910.1000, Table Z-1						
Acetic anhydride	108-24-7	--	--	--	--	5	20	--
Acetone	67-64-1	750	1800	1000	2400	--	--	--

Substance	CAS #	TWA		STEL		Ceiling		Skin desig- nation
		ppm	mg/m ³	ppm	mg/m ³	ppm	mg/m ³	
Acetonitrile	75-05-8	40	70	60	105	--	--	--
2-Acetylaminofluorene	53-96-3			see 1910.1014				
Acetylene dichloride; see 1,2-Dichloroethylene								
Acetylene tetrabromide	79-27-6			see 1910.1000, Table Z-1				
Acetylsalicylic acid (Aspirin)	50-78-2	--	5	--	--	--	--	--
Acrolein	107-02-8	0.1	0.25	0.3	0.8	--	--	--
Acrylamide	79-06-1			see 1910.1000, Table Z-1				
Acrylic acid	79-10-7	10	30	--	--	--	--	X
Acrylonitrile	107-13-1			see 1910.1045				
Aldrin	309-00-2			see 1910.1000, Table Z-1				
Allyl alcohol	107-18-6	2	5	4	10	--	--	X
Allyl chloride	107-05-1	1	3	2	6	--	--	--
Allyl glycidyl ether (AGE)	106-92-3	5	22	10	44	--	--	--
Allyl propyl disulfide	2179-59-1	2	12	3	18	--	--	--
alpha-Alumina	1344-28-1							
Total dust		--	10	--	--	--	--	--
Respirable fraction		--	5	--	--	--	--	--
Aluminum metal (as Al)	7429-90-5							
Metal								
Total dust				see 1910.1000, Table Z-1				
Respirable fraction				see 1910.1000, Table Z-1				
Aluminum metal (as Al)	7429-90-5							
Pyro powders		--	5	--	--	--	--	--
Welding fumes		--	5	--	--	--	--	--
Soluble salts		--	2	--	--	--	--	--
Alkyls		--	2	--	--	--	--	--
4-Aminodiphenyl	92-67-1			see 1910.1011				
2-Aminoethanol; see Ethanolamine								
2-Aminopyridine	504-29-0			see 1910.1000, Table Z-1				
Amitrole	61-82-5	--	0.2	--	--	--	--	--
Ammonia	7664-41-7	--	--	35	27	--	--	--
Ammonium chloride, Fume	12125-02-9	--	10	--	20	--	--	--
Ammonium sulfamate	7773-06-0							
Total dust		--	10	--	--	--	--	--
Respirable fraction		--	5	--	--	--	--	--
n-Amyl acetate	628-63-7			see 1910.1000, Table Z-1				
sec-Amyl acetate	626-38-0			see 1910.1000, Table Z-1				
Aniline and homologs	62-53-3	2	8	--	--	--	--	X

PROPOSED RULES

Substance	CAS #	TWA		STEL		Ceiling		Skin design- nation
		ppm	mg/m ³	ppm	mg/m ³	ppm	mg/m ³	
<u>Anisidine (o-, p-isomers)</u>	<u>29191-52-4</u>			see <u>1910.1000, Table Z-1</u>				
<u>Antimony and compounds (as Sb)</u>	<u>7440-36-0</u>			see <u>1910.1000, Table Z-1</u>				
<u>ANTU (alpha-Naphthyl-thiourea)</u>	<u>86-88-4</u>			see <u>1910.1000, Table Z-1</u>				
<u>Arsenic, inorganic cmpds (as As)</u>	<u>Varies with compound</u>			see <u>1910.1018</u>				
<u>Arsenic, organic cmpds (as As)</u>	<u>7440-38-2</u>			see <u>1910.1000, Table Z-1</u>				
<u>Arsine</u>	<u>7784-42-1</u>			see <u>1910.1000, Table Z-1</u>				
<u>Asbestos</u>				see <u>1910.1001</u>				
<u>Atrazine</u>	<u>1912-24-9</u>	--	<u>5</u>	--	--	--	--	--
<u>Azinphos-methyl</u>	<u>86-50-0</u>			see <u>1910.1000, Table Z-1</u>				
<u>Barium</u>	<u>7440-39-3</u>			see <u>1910.1000, Table Z-1</u>				
<u>soluble compounds (as Ba);</u>				see <u>1910.1000, Table Z-1</u>				
<u>Barium sulfate</u>	<u>7727-43-7</u>							
<u>Total dust</u>		--	<u>10</u>	--	--	--	--	--
<u>Respirable fraction</u>		--	<u>5</u>	--	--	--	--	--
<u>Benomyl</u>	<u>17804-35-2</u>							
<u>Total dust</u>		--	<u>10</u>	--	--	--	--	--
<u>Respirable fraction</u>		--	<u>5</u>	--	--	--	--	--
<u>Benzene</u>	<u>71-43-2</u>			See <u>1910.1028</u> <u>See 1910.1000 Table Z-2 for limits applicable in the operations or sectors excluded in 1910.1028</u>				
<u>Benzidine</u>	<u>92-87-5</u>			see <u>1910.1010</u>				
<u>p-Benzoquinone; see Quinone</u>								
<u>Benzo(a)pyrene;</u> <u>see Coal tar pitch volatiles</u>								
<u>Benzoyl peroxide</u>	<u>94-36-0</u>			see <u>1910.1000, Table Z-1</u>				
<u>Benzyl chloride</u>	<u>100-44-7</u>			see <u>1910.1000, Table Z-1</u>				
<u>Beryllium and beryllium compounds (as Be);</u>	<u>7440-41-7</u>	--	<u>0.002</u>	--	<u>0.005</u> (30 min)	--	<u>0.025</u>	--
<u>Biphenyl; see Diphenyl</u>								
<u>Bismuth telluride</u>	<u>1304-82-1</u>							
<u>Se-doped</u>		--	<u>5</u>	--	--	--	--	--
<u>Bismuth telluride</u>	<u>1304-82-1</u>							
<u>Undoped</u>								
<u>Total dust</u>				see <u>1910.1000, Table Z-1</u>				
<u>Respirable fraction</u>				see <u>1910.1000, Table Z-1</u>				
<u>Borates, tetra, sodium salts</u>								
<u>Anhydrous</u>	<u>1330-43-4</u>	--	<u>10</u>	--	--	--	--	--
<u>Decahydrate</u>	<u>1303-96-4</u>	--	<u>10</u>	--	--	--	--	--

Substance	CAS #	TWA		STEL		Ceiling		Skin designation
		ppm	mg/m ³	ppm	mg/m ³	ppm	mg/m ³	
<u>Pentahydrate</u>	<u>12179-04-3</u>	--	<u>10</u>	--	--	--	--	--
<u>Boron oxide</u>	<u>1303-86-2</u>							
<u>Total dust</u>		--	<u>10</u>	--	--	--	--	--
<u>Respirable fraction</u>		--	<u>5</u>	--	--	--	--	--
<u>Boron tribromide</u>	<u>10294-33-4</u>	--	--	--	--	<u>1</u>	<u>10</u>	--
<u>Boron trifluoride</u>	<u>7637-07-2</u>	see 1910.1000, Table Z-1						
<u>Bromacil</u>	<u>314-40-9</u>	<u>1</u>	<u>10</u>	--	--	--	--	--
<u>Bromine</u>	<u>7726-95-6</u>	<u>0.1</u>	<u>0.7</u>	<u>0.3</u>	<u>2</u>	--	--	--
<u>Bromine pentafluoride</u>	<u>7789-30-2</u>	<u>0.1</u>	<u>0.7</u>	--	--	--	--	--
<u>Bromoform</u>	<u>75-25-2</u>	see 1910.1000, Table Z-1						
<u>Butadiene (1,3-Butadiene)</u>	<u>106-99-0</u>	see 1910.1051; 1910.19(1)						
<u>Butane</u>	<u>106-97-8</u>	<u>800</u>	<u>1900</u>	--	--	--	--	--
<u>Butanethiol;</u> see <u>Butyl mercaptan</u>								
<u>2-Butanone</u> (Methyl ethyl ketone)	<u>78-93-3</u>	<u>200</u>	<u>590</u>	<u>300</u>	<u>885</u>	--	--	--
<u>2-Butoxyethanol</u>	<u>111-76-2</u>	<u>25</u>	<u>120</u>	--	--	--	--	X
<u>n-Butyl acetate</u>	<u>123-86-4</u>	<u>150</u>	<u>710</u>	<u>200</u>	<u>950</u>	--	--	--
<u>sec-Butyl acetate</u>	<u>105-46-4</u>	see 1910.1000, Table Z-1						
<u>tert-Butyl acetate</u>	<u>540-88-5</u>	see 1910.1000, Table Z-1						
<u>Butyl acrylate</u>	<u>141-32-2</u>	<u>10</u>	<u>55</u>	--	--	--	--	--
<u>n-Butyl alcohol</u>	<u>71-36-3</u>	--	--	--	--	<u>50</u>	<u>150</u>	X
<u>sec-Butyl alcohol</u>	<u>78-92-2</u>	<u>100</u>	<u>305</u>	--	--	--	--	--
<u>tert-Butyl alcohol</u>	<u>75-65-0</u>	<u>100</u>	<u>300</u>	<u>150</u>	<u>450</u>	--	--	--
<u>Butylamine</u>	<u>109-73-9</u>	see 1910.1000, Table Z-1						
<u>tert-Butyl chromate (as CrO₃)</u>	<u>1189-85-1</u>	see 1910.1000, Table Z-1						
<u>n-Butyl glycidyl ether (BGE)</u>	<u>2426-08-6</u>	<u>25</u>	<u>135</u>	--	--	--	--	--
<u>n-Butyl lactate</u>	<u>138-22-7</u>	<u>5</u>	<u>25</u>	--	--	--	--	--
<u>Butyl mercaptan (Butanethiol)</u>	<u>109-79-5</u>	<u>0.5</u>	<u>1.5</u>	--	--	--	--	--
<u>o-sec-Butylphenol</u>	<u>89-72-5</u>	<u>5</u>	<u>30</u>	--	--	--	--	X
<u>p-tert-Butyltoluene</u>	<u>98-51-1</u>	<u>10</u>	<u>60</u>	<u>20</u>	<u>120</u>	--	--	--
<u>Cadmium, fume and dust (as Cd)</u>	<u>7440-43-9</u>	see 1910.1027						
<u>Calcium carbonate</u>	<u>1317-65-3</u>							
<u>Total dust</u>		see 1910.1000, Table Z-1						
<u>Respirable fraction</u>		see 1910.1000, Table Z-1						
<u>Calcium cyanamide</u>	<u>156-62-7</u>	--	<u>0.5</u>	--	--	--	--	--
<u>Calcium hydroxide</u>	<u>1305-62-0</u>	--	<u>5</u>	--	--	--	--	--
<u>Calcium oxide</u>	<u>1305-78-8</u>	see 1910.1000, Table Z-1						
<u>Calcium silicate</u>	<u>1344-95-2</u>							

PROPOSED RULES

Substance	CAS #	TWA		STEL		Ceiling		Skin design- nation
		ppm	mg/m ³	ppm	mg/m ³	ppm	mg/m ³	
<u>Total dust</u>				see 1910.1000, Table Z-1				
<u>Respirable fraction</u>				see 1910.1000, Table Z-1				
<u>Calcium sulfate</u>	<u>7778-18-9</u>							
<u>Total dust</u>				see 1910.1000, Table Z-1				
<u>Respirable fraction</u>				see 1910.1000, Table Z-1				
<u>Camphor, synthetic</u>	<u>76-22-2</u>			see 1910.1000, Table Z-1				
<u>Caprolactam</u>	<u>105-60-2</u>							
<u>Dust</u>		--	<u>1</u>	--	<u>3</u>	--	--	--
<u>Vapor</u>		<u>5</u>	<u>20</u>	<u>10</u>	<u>40</u>	--	--	--
<u>Captafol (Difolatan®)</u>	<u>2425-06-1</u>	--	<u>0.1</u>	--	--	--	--	--
<u>Captan</u>	<u>133-06-2</u>	--	<u>5</u>	--	--	--	--	--
<u>Carbaryl (Sevin®)</u>	<u>63-25-2</u>			see 1910.1000, Table Z-1				
<u>Carbofuran (Furadan®)</u>	<u>1563-66-2</u>	--	<u>0.1</u>	--	--	--	--	--
<u>Carbon black</u>	<u>1333-86-4</u>			see 1910.1000, Table Z-1				
<u>Carbon dioxide</u>	<u>124-38-9</u>			see 1910.1000, Table Z-1				
<u>Carbon disulfide</u>	<u>75-15-0</u>	<u>4</u>	<u>12</u>	<u>12</u>	<u>36</u>	--	--	X
<u>Carbon monoxide</u>	<u>630-08-0</u>	<u>35</u>	<u>40</u>	--	--	<u>200</u>	<u>229</u>	--
<u>Carbon tetrabromide</u>	<u>558-13-4</u>	<u>0.1</u>	<u>1.4</u>	<u>0.3</u>	<u>4</u>	--	--	--
<u>Carbon tetrachloride</u>	<u>56-23-5</u>	<u>2</u>	<u>12.6</u>	--	--	--	--	--
<u>Carbonyl fluoride</u>	<u>353-50-4</u>	<u>2</u>	<u>5</u>	<u>5</u>	<u>15</u>	--	--	--
<u>Catechol (Pyrocatechol)</u>	<u>120-80-9</u>	<u>5</u>	<u>20</u>	--	--	--	--	X
<u>Cellulose</u>	<u>9004-34-6</u>							
<u>Total dust</u>				see 1910.1000, Table Z-1				
<u>Respirable fraction</u>				see 1910.1000, Table Z-1				
<u>Cesium hydroxide</u>	<u>21351-79-1</u>	--	<u>2</u>	--	--	--	--	--
<u>Chlordane</u>	<u>57-74-9</u>			see 1910.1000, Table Z-1				
<u>Chlorinated camphene</u>	<u>8001-35-2</u>	--	<u>0.5</u>	--	<u>1</u>	--	--	X
<u>Chlorinated diphenyl oxide</u>	<u>55720-99-5</u>			see 1910.1000, Table Z-1				
<u>Chlorine</u>	<u>7782-50-5</u>	<u>0.5</u>	<u>1.5</u>	<u>1</u>	<u>3</u>	--	--	--
<u>Chlorine dioxide</u>	<u>10049-04-4</u>	<u>0.1</u>	<u>0.3</u>	<u>0.3</u>	<u>0.9</u>	--	--	--
<u>Chlorine trifluoride</u>	<u>7790-91-2</u>			see 1910.1000, Table Z-1				
<u>Chloroacetaldehyde</u>	<u>107-20-0</u>			see 1910.1000, Table Z-1				
<u>α-Chloroacetophenone</u> (Phenacyl chloride)	<u>532-27-4</u>			see 1910.1000, Table Z-1				
<u>Chloroacetyl chloride</u>	<u>79-04-9</u>	<u>0.05</u>	<u>0.2</u>	--	--	--	--	--
<u>Chlorobenzene</u>	<u>108-90-7</u>			see 1910.1000, Table Z-1				
<u>o-Chlorobenzylidene malononitrile</u>	<u>2698-41-1</u>	--	--	--	--	<u>0.05</u>	<u>0.4</u>	X
<u>Chlorobromomethane</u>	<u>74-97-5</u>			see 1910.1000, Table Z-1				

<u>Substance</u>	<u>CAS #</u>	<u>TWA</u>		<u>STEL</u>		<u>Ceiling</u>		<u>Skin desig- nation</u>
		<u>ppm</u>	<u>mg/m³</u>	<u>ppm</u>	<u>mg/m³</u>	<u>ppm</u>	<u>mg/m³</u>	
<u>2-Chloro-1,3-butadiene:</u> <u>see beta-Chloroprene</u>								
<u>Chlorodifluoromethane</u>	<u>75-45-6</u>	<u>1000</u>	<u>3500</u>	<u>--</u>	<u>--</u>	<u>--</u>	<u>--</u>	<u>--</u>
<u>Chlorodiphenyl (42% Chlorine)</u> <u>(PCB)</u>	<u>53469-21-9</u>			<u>see 1910.1000, Table Z-1</u>				
<u>Chlorodiphenyl (54% Chlorine)</u> <u>(PCB)</u>	<u>11097-69-1</u>			<u>see 1910.1000, Table Z-1</u>				
<u>1-Chloro-2,3-epoxypropane:</u> <u>see Epichlorohydrin</u>								
<u>2-Chloroethanol:</u> <u>see Ethylene chlorohydrin</u>								
<u>Chloroethylene:</u> <u>see Vinyl chloride</u>								
<u>Chloroform (Trichloromethane)</u>	<u>67-66-3</u>	<u>2</u>	<u>9.78</u>	<u>--</u>	<u>--</u>	<u>--</u>	<u>--</u>	<u>--</u>
<u>bis(Chloromethyl) ether</u>	<u>542-88-1</u>			<u>see 1910.1008</u>				
<u>Chloromethyl methyl ether</u>	<u>107-30-2</u>			<u>see 1910.1006</u>				
<u>1-Chloro-1-nitropropane</u>	<u>600-25-9</u>	<u>2</u>	<u>10</u>	<u>--</u>	<u>--</u>	<u>--</u>	<u>--</u>	<u>--</u>
<u>Chloropentafluoroethane</u>	<u>76-15-3</u>	<u>1000</u>	<u>6320</u>	<u>--</u>	<u>--</u>	<u>--</u>	<u>--</u>	<u>--</u>
<u>Chloropicrin</u>	<u>76-06-2</u>			<u>see 1910.1000, Table Z-1</u>				
<u>beta-Chloroprene</u>	<u>126-99-8</u>	<u>10</u>	<u>35</u>	<u>--</u>	<u>--</u>	<u>--</u>	<u>--</u>	<u>X</u>
<u>o-Chlorostyrene</u>	<u>2039-87-4</u>	<u>50</u>	<u>285</u>	<u>75</u>	<u>430</u>	<u>--</u>	<u>--</u>	<u>--</u>
<u>o-Chlorotoluene</u>	<u>95-49-8</u>	<u>50</u>	<u>250</u>	<u>--</u>	<u>--</u>	<u>--</u>	<u>--</u>	<u>--</u>
<u>2-Chloro-6-trichloromethyl</u> <u>pyridine</u>	<u>1929-82-4</u>							
<u>Total dust</u>				<u>see 1910.1000, Table Z-1</u>				
<u>Respirable fraction</u>				<u>see 1910.1000, Table Z-1</u>				
<u>Chlorpyrifos</u>	<u>2921-88-2</u>	<u>--</u>	<u>0.2</u>	<u>--</u>	<u>--</u>	<u>--</u>	<u>--</u>	<u>X</u>
<u>Chromic acid and chromates</u> <u>(as CrO₃)</u>	<u>Varies with</u> <u>compound</u>	<u>--</u>	<u>--</u>	<u>--</u>	<u>--</u>	<u>--</u>	<u>0.1</u>	<u>--</u>
<u>Chromium (II) compounds</u> <u>(as Cr)</u>	<u>Varies with</u> <u>compound</u>			<u>see 1910.1000, Table Z-1</u>				
<u>Chromium (III) compounds</u> <u>(as Cr)</u>	<u>Varies with</u> <u>compound</u>			<u>see 1910.1000, Table Z-1</u>				
<u>Chromium metal and</u> <u>insoluble salts (as Cr)</u>	<u>7440-47-3</u>			<u>see 1910.1000, Table Z-1</u>				
<u>Chrysene:</u> <u>see Coal tar pitch volatiles</u>	<u>218-01-9</u>							
<u>Clopidol</u>	<u>2971-90-6</u>							
<u>Total dust</u>				<u>see 1910.1000, Table Z-1</u>				
<u>Respirable fraction</u>				<u>see 1910.1000, Table Z-1</u>				
<u>Coal dust (less than 5% SiO₂)</u> <u>Respirable quartz fraction</u>				<u>see 1910.1000, Table Z-3</u>				

PROPOSED RULES

Substance	CAS #	TWA		STEL		Ceiling		Skin desig- nation
		ppm	mg/m ³	ppm	mg/m ³	ppm	mg/m ³	
Coal dust (greater than or equal to 5% SiO ₂), Respirable quartz fraction				see 1910.1000, Table Z-3				
Coal tar Pitch volatiles (benzene soluble fraction), anthracene, BaP, phenanthrene, acridine, chrysene, pyrene	8007-45-2			see 1910.1000, Table Z-1				
Cobalt metal, dust, and fume (as Co)	7440-48-4	==	0.05	==	==	==	==	==
Cobalt carbonyl (as Co)	10210-68-1	==	0.1	==	==	==	==	==
Cobalt hydrocarbonyl (as Co)	16842-03-8	==	0.1	==	==	==	==	==
Coke oven emissions				see 1910.1029				
Copper	7440-50-8							
Fume (as Cu)				see 1910.1000, Table Z-1				
Dusts and mists (as Cu)				see 1910.1000, Table Z-1				
Cotton dust (raw)	==			see 1910.1043; 1910.1000, Table Z-1				
Crag herbicide (Sesone),	136-78-7							
Total dust		==	10	==	==	==	==	==
Respirable fraction		==	5	==	==	==	==	==
Cresol, all isomers	1319-77-3			see 1910.1000, Table Z-1				
	95-48-7			see 1910.1000, Table Z-1				
	108-39-4			see 1910.1000, Table Z-1				
	106-44-5			see 1910.1000, Table Z-1				
Crotonaldehyde	123-73-9			see 1910.1000, Table Z-1				
	4170-30-3			see 1910.1000, Table Z-1				
Crufomate	299-86-5	==	5	==	==	==	==	==
Cumene	98-82-8			see 1910.1000, Table Z-1				
Cyanamide	420-04-2	==	2	==	==	==	==	==
Cyanides (as CN)	Varies with compound	==	5	==	==	==	==	X
Cyanogen	460-19-5	10	20	==	==	==	==	==
Cyanogen chloride	506-77-4	==	==	==	==	0.3	0.6	==
Cyclohexane	110-82-7			see 1910.1000, Table Z-1				
Cyclohexanol	108-93-0	50	200	==	==	==	==	X
Cyclohexanone	108-94-1	25	100	==	==	==	==	X
Cyclohexene	110-83-8			see 1910.1000, Table Z-1				
Cyclohexylamine	108-91-8	10	40	==	==	==	==	==
Cyclonite (RDX)	121-82-4	==	1.5	==	==	==	==	X
Cyclopentadiene	542-92-7			see 1910.1000, Table Z-1				
Cyclopentane	287-92-3	600	1720	==	==	==	==	==

Substance	CAS #	TWA		STEL		Ceiling		Skin designation
		ppm	mg/m ³	ppm	mg/m ³	ppm	mg/m ³	
Cyhexatin	13121-70-5	--	5	--	--	--	--	--
2,4-D (Dichlorophenoxyacetic acid)	94-75-7			see 1910.1000, Table Z-1				
Decaborane	17702-41-9	0.05	0.3	0.15	0.9	--	--	X
Demeton (Systox®)	8065-48-3			see 1910.1000, Table Z-1				
DDT; see Dichlorodiphenyl-trichloroethane								
DDVP; see Dichlorvos								
Diacetone alcohol (4-Hydroxy-4-methyl-2-pentanone)	123-42-2			see 1910.1000, Table Z-1				
1,2-Diaminoethane; see Ethylenediamine								
Diazinon	333-41-5	--	0.1	--	--	--	--	X
Diazomethane	334-88-3			see 1910.1000, Table Z-1				
Diborane	19287-45-7			see 1910.1000, Table Z-1				
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8			see 1910.1044				
1,2-Dibromoethane; see Ethylene dibromide								
2-N-Dibutylaminoethanol	102-81-8	2	14	--	--	--	--	--
Dibutyl phosphate	107-66-4	1	5	2	10	--	--	--
Dibutyl phthalate	84-74-2			see 1910.1000, Table Z-1				
Dichloroacetylene	7572-29-4	--	--	--	--	0.1	0.4	--
o-Dichlorobenzene	95-50-1			see 1910.1000, Table Z-1				
p-Dichlorobenzene	106-46-7	75	450	110	675	--	--	--
3,3'-Dichlorobenzidine	91-94-1			see 1910.1007				
Dichlorodifluoromethane	75-71-8			see 1910.1000, Table Z-1				
1,3-Dichloro-5,5-dimethyl hydantoin	118-52-5	--	0.2	--	0.4	--	--	--
Dichlorodiphenyltrichloroethane (DDT)	50-29-3			see 1910.1000, Table Z-1				
1,1-Dichloroethane	75-34-3			see 1910.1000, Table Z-1				
1,2-Dichloroethane; see Ethylene dichloride								
1,2-Dichloroethylene	540-59-0			see 1910.1000, Table Z-1				
Dichloroethyl ether	111-44-4	5	30	10	60	--	--	X
Dichloromethane; see Methylene chloride								
Dichloromonofluoromethane	75-43-4	10	40	--	--	--	--	--
1,1-Dichloro-1-nitroethane	594-72-9	2	10	--	--	--	--	--

PROPOSED RULES

<u>Substance</u>	<u>CAS #</u>	<u>TWA</u>		<u>STEL</u>		<u>Ceiling</u>		<u>Skin desig- nation</u>
		<u>ppm</u>	<u>mg/m³</u>	<u>ppm</u>	<u>mg/m³</u>	<u>ppm</u>	<u>mg/m³</u>	
<u>1,2-Dichloropropane:</u> see <u>Propylene dichloride</u>								
<u>1,3-Dichloropropene</u>	<u>542-75-6</u>	<u>1</u>	<u>5</u>	<u>=</u>	<u>=</u>	<u>=</u>	<u>=</u>	<u>X</u>
<u>2,2-Dichloropropionic acid</u>	<u>75-99-0</u>	<u>1</u>	<u>6</u>	<u>=</u>	<u>=</u>	<u>=</u>	<u>=</u>	<u>=</u>
<u>Dichlorotetrafluoroethane</u>	<u>76-14-2</u>			see <u>1910.1000, Table Z-1</u>				
<u>Dichlorvos (DDVP)</u>	<u>62-73-7</u>			see <u>1910.1000, Table Z-1</u>				
<u>Dicrotophos</u>	<u>141-66-2</u>	<u>=</u>	<u>0.25</u>	<u>=</u>	<u>=</u>	<u>=</u>	<u>=</u>	<u>X</u>
<u>Dicyclopentadiene</u>	<u>77-73-6</u>	<u>5</u>	<u>30</u>	<u>=</u>	<u>=</u>	<u>=</u>	<u>=</u>	<u>=</u>
<u>Dicyclopentadienyl iron</u>	<u>102-54-5</u>							
<u>Total dust</u>		<u>=</u>	<u>10</u>	<u>=</u>	<u>=</u>	<u>=</u>	<u>=</u>	<u>=</u>
<u>Respirable fraction</u>		<u>=</u>	<u>5</u>	<u>=</u>	<u>=</u>	<u>=</u>	<u>=</u>	<u>=</u>
<u>Dieldrin</u>	<u>60-57-1</u>			see <u>1910.1000, Table Z-1</u>				
<u>Diethanolamine</u>	<u>111-42-2</u>	<u>3</u>	<u>15</u>	<u>=</u>	<u>=</u>	<u>=</u>	<u>=</u>	<u>=</u>
<u>Diethylamine</u>	<u>109-89-7</u>	<u>10</u>	<u>30</u>	<u>25</u>	<u>75</u>	<u>=</u>	<u>=</u>	<u>=</u>
<u>2-Diethylaminoethanol</u>	<u>100-37-8</u>			see <u>1910.1000, Table Z-1</u>				
<u>Diethylene triamine</u>	<u>111-40-0</u>	<u>1</u>	<u>4</u>	<u>=</u>	<u>=</u>	<u>=</u>	<u>=</u>	<u>=</u>
<u>Diethyl ether:</u> see <u>Ethyl ether</u>								
<u>Diethyl ketone</u>	<u>96-22-0</u>	<u>200</u>	<u>705</u>	<u>=</u>	<u>=</u>	<u>=</u>	<u>=</u>	<u>=</u>
<u>Diethyl phthalate</u>	<u>84-66-2</u>	<u>=</u>	<u>5</u>	<u>=</u>	<u>=</u>	<u>=</u>	<u>=</u>	<u>=</u>
<u>Difluorodibromomethane</u>	<u>75-61-6</u>			see <u>1910.1000, Table Z-1</u>				
<u>Diglycidyl ether (DGE)</u>	<u>2238-07-5</u>	<u>0.1</u>	<u>0.5</u>	<u>=</u>	<u>=</u>	<u>=</u>	<u>=</u>	<u>=</u>
<u>Dihydroxybenzene:</u> see <u>Hydroquinone</u>								
<u>Diisobutyl ketone</u>	<u>108-83-8</u>	<u>25</u>	<u>150</u>	<u>=</u>	<u>=</u>	<u>=</u>	<u>=</u>	<u>=</u>
<u>Diisopropylamine</u>	<u>108-18-9</u>			see <u>1910.1000, Table Z-1</u>				
<u>4-Dimethylaminoazobenzene</u>	<u>60-11-7</u>			see <u>1910.1015</u>				
<u>Dimethoxymethane:</u> see <u>Methylal</u>								
<u>Dimethylacetamide</u>	<u>127-19-5</u>			see <u>1910.1000, Table Z-1</u>				
<u>Dimethylamine</u>	<u>124-40-3</u>			see <u>1910.1000, Table Z-1</u>				
<u>Dimethylaminobenzene:</u> see <u>Xylidine</u>								
<u>Dimethylaniline</u> (<u>N,N</u> -Dimethylaniline)	<u>121-69-7</u>	<u>5</u>	<u>25</u>	<u>10</u>	<u>50</u>	<u>=</u>	<u>=</u>	<u>X</u>
<u>Dimethylbenzene:</u> see <u>Xylene</u>								
<u>Dimethyl-1,2-dibromo-2,2-dichloroethyl phosphate</u>	<u>300-76-5</u>	<u>=</u>	<u>3</u>	<u>=</u>	<u>=</u>	<u>=</u>	<u>=</u>	<u>X</u>
<u>Dimethylformamide</u>	<u>68-12-2</u>			see <u>1910.1000, Table Z-1</u>				
<u>2,6-Dimethyl-4-heptanone:</u> see <u>Diisobutyl ketone</u>								

Substance	CAS #	TWA		STEL		Ceiling		Skin designation
		ppm	mg/m ³	ppm	mg/m ³	ppm	mg/m ³	
<u>1,1-Dimethylhydrazine</u>	<u>57-14-7</u>			see <u>1910.1000, Table Z-1</u>				
<u>Dimethylphthalate</u>	<u>131-11-3</u>			see <u>1910.1000, Table Z-1</u>				
<u>Dimethyl sulfate</u>	<u>77-78-1</u>	<u>0.1</u>	<u>0.5</u>	==	==	==	==	X
<u>Dinitolmide</u> (<u>3,5-Dinitro-<i>o</i>-toluamide</u>)	<u>148-01-6</u>	==	<u>5</u>	==	==	==	==	==
<u>Dinitrobenzene</u> (<u>all isomers</u>):								
<u>ortho</u>	<u>528-29-0</u>			see <u>1910.1000, Table Z-1</u>				
<u>meta</u>	<u>99-65-0</u>			see <u>1910.1000, Table Z-1</u>				
<u>para</u>	<u>100-25-4</u>			see <u>1910.1000, Table Z-1</u>				
<u>Dinitro-<i>o</i>-cresol</u>	<u>534-52-1</u>			see <u>1910.1000, Table Z-1</u>				
<u>Dinitrotoluene</u>	<u>121-14-2</u>			see <u>1910.1000, Table Z-1</u>				
<u>Dioxane (Diethylene dioxide)</u>	<u>123-91-1</u>	<u>25</u>	<u>90</u>	==	==	==	==	X
<u>Dioxathion (Delnav®)</u>	<u>78-34-2</u>	==	<u>0.2</u>	==	==	==	==	X
<u>Diphenyl (Biphenyl)</u>	<u>92-52-4</u>			see <u>1910.1000, Table Z-1</u>				
<u>Diphenylamine</u>	<u>122-39-4</u>	==	<u>10</u>	==	==	==	==	==
<u>Diphenylmethane diisocyanate:</u> see <u>Methylene bisphenyl isocyanate</u>								
<u>Dipropyl ketone</u>	<u>123-19-3</u>	<u>50</u>	<u>235</u>	==	==	==	==	==
<u>Dipropylene glycol methyl ether</u>	<u>34590-94-8</u>	<u>100</u>	<u>600</u>	<u>150</u>	<u>900</u>	==	==	X
<u>Diquat</u>	<u>85-00-7</u>	==	<u>0.5</u>	==	==	==	==	==
<u>Di-<i>sec</i>-octyl phthalate</u> (<u>Di-(2-ethylhexyl) phthalate</u>)	<u>117-81-7</u>	==	<u>5</u>	==	<u>10</u>	==	==	==
<u>Disulfiram (Antabuse®)</u>	<u>97-77-8</u>	==	<u>2</u>	==	==	==	==	==
<u>Disulfoton</u>	<u>298-04-4</u>	==	<u>0.1</u>	==	==	==	==	X
<u>2,6-Di-<i>tert</i>-butyl-<i>p</i>-cresol</u>	<u>128-37-0</u>	==	<u>10</u>	==	==	==	==	==
<u>Diuron</u>	<u>330-54-1</u>	==	<u>10</u>	==	==	==	==	==
<u>Divinyl benzene</u>	<u>108-57-6</u>	<u>10</u>	<u>50</u>	==	==	==	==	==
<u>Emery</u>	<u>12415-34-8</u>							
<u>Total dust</u>		==	<u>10</u>	==	==	==	==	==
<u>Respirable fraction</u>			<u>5</u>	==	==	==	==	==
<u>Endosulfan</u>	<u>115-29-7</u>			see <u>1910.1000, Table Z-1</u>				
<u>Endrin</u>	<u>72-20-8</u>			see <u>1910.1000, Table Z-1</u>				
<u>Epichlorohydrin</u>	<u>106-89-8</u>	<u>2</u>	<u>8</u>	==	==	==	==	X
<u>EPN</u>	<u>2104-64-5</u>			see <u>1910.1000, Table Z-1</u>				
<u>1,2-Epoxypropane:</u> see <u>Propylene oxide</u>								
<u>2,3-Epoxy-1-propanol:</u> see <u>Glycidol</u>								

PROPOSED RULES

Substance	CAS #	TWA		STEL		Ceiling		Skin desig- nation
		ppm	mg/m ³	ppm	mg/m ³	ppm	mg/m ³	
Ethanethiol: see <u>Ethyl mercaptan</u>								
<u>Ethanolamine</u>	<u>141-43-5</u>	<u>3</u>	<u>8</u>	<u>6</u>	<u>15</u>	--	--	--
<u>Ethion</u>	<u>563-12-2</u>	--	<u>0.4</u>	--	--	--	--	X
<u>2-Ethoxyethanol (Cellosolve)</u>	<u>110-80-5</u>			see 1910.1000, Table Z-1				
<u>2-Ethoxyethyl acetate</u> (Cellosolve acetate)	<u>111-15-9</u>			see 1910.1000, Table Z-1				
<u>Ethyl acetate</u>	<u>141-78-6</u>			see 1910.1000, Table Z-1				
<u>Ethyl acrylate</u>	<u>140-88-5</u>	<u>5</u>	<u>20</u>	<u>25</u>	<u>100</u>	--	--	X
<u>Ethyl alcohol (Ethanol)</u>	<u>64-17-5</u>			see 1910.1000, Table Z-1				
<u>Ethylamine</u>	<u>75-04-7</u>			see 1910.1000, Table Z-1				
<u>Ethyl amyl ketone</u> (5-Methyl-3-heptanone)	<u>106-68-3</u>			see 1910.1000, Table Z-1				
<u>Ethyl benzene</u>	<u>100-41-4</u>	<u>100</u>	<u>435</u>	<u>125</u>	<u>545</u>	--	--	--
<u>Ethyl bromide</u>	<u>74-96-4</u>	<u>200</u>	<u>890</u>	<u>250</u>	<u>1110</u>	--	--	--
<u>Ethyl butyl ketone</u> (3-Heptanone)	<u>106-35-4</u>			see 1910.1000, Table Z-1				
<u>Ethyl chloride</u>	<u>75-00-3</u>			see 1910.1000, Table Z-1				
<u>Ethyl ether</u>	<u>60-29-7</u>	<u>400</u>	<u>1200</u>	<u>500</u>	<u>1500</u>	--	--	--
<u>Ethyl formate</u>	<u>109-94-4</u>			see 1910.1000, Table Z-1				
<u>Ethyl mercaptan (Ethanethiol)</u>	<u>75-08-1</u>	<u>0.5</u>	<u>1</u>	--	--	--	--	--
<u>Ethyl silicate</u>	<u>78-10-4</u>	<u>10</u>	<u>85</u>	--	--	--	--	--
<u>Ethylene chlorohydrin</u>	<u>107-07-3</u>	--	--	--	--	<u>1</u>	<u>3</u>	X
<u>Ethylenediamine</u>	<u>107-15-3</u>			see 1910.1000, Table Z-1				
<u>Ethylene dibromide</u>	<u>106-93-4</u>			see 1910.1000, Table Z-2				
<u>Ethylene dichloride</u> (1,2-Dichloroethane)	<u>107-06-2</u>	<u>1</u>	<u>4</u>	<u>2</u>	<u>8</u>	--	--	--
<u>Ethylene glycol</u>	<u>107-21-1</u>	--	--	--	--	<u>50</u>	<u>125</u>	--
<u>Ethylene glycol dinitrate</u>	<u>628-96-6</u>	--	--	--	<u>0.1</u>	--	--	X
<u>Ethylene glycol methyl acetate:</u> see <u>Methyl cellosolve acetate</u>								
<u>Ethyleneimine</u>	<u>151-56-4</u>			see 1910.1012				
<u>Ethylene oxide</u>	<u>75-21-8</u>			see 1910.1047				
<u>Ethylidene chloride:</u> see <u>1,1-Dichloroethane</u>								
<u>Ethylidene norbornene</u>	<u>16219-75-3</u>	--	--	--	--	<u>5</u>	<u>25</u>	--
<u>N-Ethylmorpholine</u>	<u>100-74-3</u>	<u>5</u>	<u>23</u>	--	--	--	--	X
<u>Fenamiphos</u>	<u>22224-92-6</u>	--	<u>0.1</u>	--	--	--	--	X
<u>Fensulfothion</u> (Dasanit®)	<u>115-90-2</u>	--	<u>0.1</u>	--	--	--	--	--
<u>Fenthion</u>	<u>55-38-9</u>	--	<u>0.2</u>	--	--	--	--	X

Substance	CAS #	TWA		STEL		Ceiling		Skin designation
		ppm	mg/m ³	ppm	mg/m ³	ppm	mg/m ³	
<u>Ferbam</u>	<u>14484-64-1</u>							
<u>Total dust</u>		==	<u>10</u>	==	==	==	==	==
<u>Respirable fraction</u>		==	<u>5</u>	==	==	==	==	==
<u>Ferrovandium dust</u>	<u>12604-58-9</u>	==	<u>1</u>	==	<u>3</u>	==	==	==
<u>Fluorides (as F)</u>	<u>Varies with compound</u>			see <u>1910.1000, Table Z-2</u>				
<u>Fluorine</u>	<u>7782-41-4</u>			see <u>1910.1000, Table Z-1</u>				
<u>Fluorotrichloromethane</u> (<u>Trichlorofluoromethane</u>)	<u>75-69-4</u>	==	==	==	==	<u>1000</u>	<u>5600</u>	==
<u>Fonofos</u>	<u>944-22-9</u>	==	<u>0.1</u>	==	==	==	==	X
<u>Formaldehyde</u>	<u>50-00-0</u>			see <u>1910.1048</u>				
<u>Formamide</u>	<u>75-12-7</u>	<u>20</u>	<u>30</u>	<u>30</u>	<u>45</u>	==	==	==
<u>Formic acid</u>	<u>64-18-6</u>			see <u>1910.1000, Table Z-1</u>				
<u>Furfural</u>	<u>98-01-1</u>	<u>2</u>	<u>8</u>	==	==	==	==	X
<u>Furfuryl alcohol</u>	<u>98-00-0</u>	<u>10</u>	<u>40</u>	<u>15</u>	<u>60</u>	==	==	X
<u>Gasoline</u>	<u>8006-61-9</u>	<u>300</u>	<u>900</u>	<u>500</u>	<u>1500</u>	==	==	==
<u>Germanium tetrahydride</u>	<u>7782-65-2</u>	<u>0.2</u>	<u>0.6</u>	==	==	==	==	==
<u>Glutaraldehyde</u>	<u>111-30-8</u>	==	==	==	==	<u>0.2</u>	<u>0.8</u>	==
<u>Glycerin (mist)</u>	<u>56-81-5</u>							
<u>Total dust</u>		==	<u>10</u>	==	==	==	==	==
<u>Respirable fraction</u>		==	<u>5</u>	==	==	==	==	==
<u>Glycidol</u>	<u>556-52-5</u>	<u>25</u>	<u>75</u>	==	==	==	==	==
<u>Glycol monoethyl ether;</u> <u>see 2-Ethoxyethanol</u>								
<u>Grain dust (oat, wheat, barley)</u>	==			see <u>1910.1000, Table Z-1</u>				
<u>Graphite, natural respirable dust</u>	<u>7782-42-5</u>	==	<u>2.5</u>	==	==	==	==	==
<u>Graphite, synthetic</u>	==							
<u>Total dust</u>		==	<u>10</u>	==	==	==	==	==
<u>Respirable fraction</u>		==	<u>5</u>	==	==	==	==	==
<u>Guthion®;</u> <u>see Azinphos methyl</u>								
<u>Gypsum</u>	<u>7778-18-9</u>							
<u>Total dust</u>				see <u>1910.1000, Table Z-1</u>				
<u>Respirable fraction</u>				see <u>1910.1000, Table Z-1</u>				
<u>Hafnium</u>	<u>7440-58-6</u>			see <u>1910.1000, Table Z-1</u>				
<u>Heptachlor</u>	<u>76-44-8</u>			see <u>1910.1000, Table Z-1</u>				
<u>Heptane (n-Heptane)</u>	<u>142-82-5</u>	<u>400</u>	<u>1600</u>	<u>500</u>	<u>2000</u>	==	==	==
<u>Hexachlorobutadiene</u>	<u>87-68-3</u>	<u>0.02</u>	<u>0.24</u>	==	==	==	==	==
<u>Hexachlorocyclopentadiene</u>	<u>77-47-4</u>	<u>0.01</u>	<u>0.1</u>	==	==	==	==	==
<u>Hexachloroethane</u>	<u>67-72-1</u>			see <u>1910.1000, Table Z-1</u>				

PROPOSED RULES

Substance	CAS #	TWA		STEL		Ceiling		Skin designation
		ppm	mg/m ³	ppm	mg/m ³	ppm	mg/m ³	
Hexachloronaphthalene	1335-87-1	see 1910.1000, Table Z-1						
Hexafluoroacetone	684-16-2	0.1	0.7	--	--	--	--	X
n-Hexane	110-54-3	50	180	--	--	--	--	--
Hexane isomers	Varies with compound	500	1800	1000	3600	--	--	--
2-Hexanone (Methyl n-butyl ketone)	591-78-6	5	20	--	--	--	--	--
Hexone (Methyl isobutyl ketone)	108-10-1	50	205	75	300	--	--	--
sec-Hexyl acetate	108-84-9	see 1910.1000, Table Z-1						
Hexylene glycol	107-41-5	--	--	--	--	25	125	--
Hydrazine	302-01-2	0.1	0.1	--	--	--	--	X
Hydrogen bromide	10035-10-6	--	--	--	--	3	10	--
Hydrogen chloride	7647-01-0	see 1910.1000, Table Z-1						
Hydrogen cyanide	74-90-8	--	--	4.7	5	--	--	X
Hydrogen fluoride (as F)	7664-39-3	3	--	6	--	--	--	--
Hydrogen peroxide	7722-84-1	see 1910.1000, Table Z-1						
Hydrogen selenide (as Se)	7783-07-5	see 1910.1000, Table Z-1						
Hydrogen sulfide	7783-06-4	10	14	15	21	--	--	--
Hydrogenated terphenyls	61788-32-7	0.5	5	--	--	--	--	--
Hydroquinone	123-31-9	see 1910.1000, Table Z-1						
2-Hydroxypropyl acrylate	999-61-1	0.5	3	--	--	--	--	X
Indene	95-13-6	10	45	--	--	--	--	--
Indium and compounds (as In)	7440-74-6	--	0.1	--	--	--	--	--
Iodine	7553-56-2	see 1910.1000, Table Z-1						
Iodoform	75-47-8	0.6	10	--	--	--	--	--
Iron oxide, dust and fume (as Fe)	1309-37-1	see 1910.1000, Table Z-1						
Total particulate		see 1910.1000, Table Z-1						
Iron pentacarbonyl (as Fe)	13463-40-6	0.1	0.8	0.2	1.6	--	--	--
Iron salts (soluble) (as Fe)	Varies with compound	--	1	--	--	--	--	--
Isoamyl acetate	123-92-2	see 1910.1000, Table Z-1						
Isoamyl alcohol (Primary and secondary)	123-51-3	100	360	125	450	--	--	--
Isobutyl acetate	110-19-0	see 1910.1000, Table Z-1						
Isobutyl alcohol	78-83-1	50	150	--	--	--	--	--
Isooctyl alcohol	26952-21-6	50	270	--	--	--	--	X
Isophorone	78-59-1	4	23	--	--	--	--	--
Isophorone diisocyanate	4098-71-9	0.005	--	0.02	--	--	--	X

Substance	CAS #	TWA		STEL		Ceiling		Skin designation
		ppm	mg/m ³	ppm	mg/m ³	ppm	mg/m ³	
<u>2-Isopropoxyethanol</u>	<u>109-59-1</u>	<u>25</u>	<u>105</u>	--	--	--	--	--
<u>Isopropyl acetate</u>	<u>108-21-4</u>	<u>250</u>	<u>950</u>	<u>310</u>	<u>1185</u>	--	--	--
<u>Isopropyl alcohol</u>	<u>67-63-0</u>	<u>400</u>	<u>980</u>	<u>500</u>	<u>1225</u>	--	--	--
<u>Isopropylamine</u>	<u>75-31-0</u>	<u>5</u>	<u>12</u>	<u>10</u>	<u>24</u>	--	--	--
<u>N-Isopropylaniline</u>	<u>768-52-5</u>	<u>2</u>	<u>10</u>	--	--	--	--	X
<u>Isopropyl ether</u>	<u>108-20-3</u>	see <u>1910.1000, Table Z-1</u>						
<u>Isopropyl glycidyl ether (IGE)</u>	<u>4016-14-2</u>	<u>50</u>	<u>240</u>	<u>75</u>	<u>360</u>	--	--	--
<u>Kaolin</u>	<u>1332-58-7</u>							
<u>Total dust</u>		--	<u>10</u>	--	--	--	--	--
<u>Respirable fraction</u>		--	<u>5</u>	--	--	--	--	--
<u>Ketene</u>	<u>463-51-4</u>	<u>0.5</u>	<u>0.9</u>	<u>1.5</u>	<u>3</u>	--	--	--
<u>Lead, inorganic (as Pb)</u>	<u>7439-92-1</u>	see <u>1910.1025</u>						
<u>Limestone</u>	<u>1317-65-3</u>							
<u>Total dust</u>		see <u>1910.1000, Table Z-1</u>						
<u>Respirable</u>		see <u>1910.1000, Table Z-1</u>						
<u>Lindane</u>	<u>58-89-9</u>	see <u>1910.1000, Table Z-1</u>						
<u>Lithium hydride:</u>	<u>7580-67-8</u>	see <u>1910.1000, Table Z-1</u>						
<u>L.P.G. (Liquified petroleum gas)</u>	<u>68476-85-7</u>	see <u>1910.1000, Table Z-1</u>						
<u>Magnesite</u>	<u>546-93-0</u>							
<u>Total dust</u>		see <u>1910.1000, Table Z-1</u>						
<u>Respirable fraction</u>		see <u>1910.1000, Table Z-1</u>						
<u>Magnesium oxide fume</u>	<u>1309-48-4</u>							
<u>Total dust</u>		--	<u>10</u>	--	--	--	--	--
<u>Respirable fraction</u>		--	<u>5</u>	--	--	--	--	--
<u>Malathion</u>	<u>121-75-5</u>							
<u>Total dust</u>		--	<u>10</u>	--	--	--	--	X
<u>Respirable fraction</u>		--	<u>5</u>	--	--	--	--	X
<u>Maleic anhydride</u>	<u>108-31-6</u>	see <u>1910.1000, Table Z-1</u>						
<u>Manganese</u>	<u>7439-96-5</u>							
<u>Compounds (as Mn)</u>		see <u>1910.1000, Table Z-1</u>						
<u>Manganese</u>	<u>7439-96-5</u>							
<u>Fume (as Mn)</u>		--	<u>1</u>	--	<u>3</u>	--	--	--
<u>Manganese cyclopentadienyl tricarbonyl (as Mn)</u>	<u>12079-65-1</u>	--	<u>0.1</u>	--	--	--	--	X
<u>Manganese tetroxide (as Mn)</u>	<u>1317-35-7</u>	--	<u>1</u>	--	--	--	--	--
<u>Marble</u>	<u>1317-65-3</u>							
<u>Total dust</u>		see <u>1910.1000, Table Z-1</u>						
<u>Respirable fraction</u>		see <u>1910.1000, Table Z-1</u>						

PROPOSED RULES

Substance	CAS #	TWA		STEL		Ceiling		Skin design- nation
		ppm	mg/m ³	ppm	mg/m ³	ppm	mg/m ³	
<u>Mercury (aryl and inorganic) (as Hg)</u>	<u>7439-97-6</u>	==	==	==	==	==	<u>0.1</u>	X
<u>Mercury (organoalkyl compounds (as Hg)</u>	<u>7439-97-6</u>	==	<u>0.01</u>	==	<u>0.03</u>	==	==	X
<u>Mercury (vapor) (as Hg)</u>	<u>7439-97-6</u>	==	<u>0.05</u>	==	==	==	==	X
<u>Mesityl oxide</u>	<u>141-79-7</u>	<u>15</u>	<u>60</u>	<u>25</u>	<u>100</u>	==	==	==
<u>Methacrylic acid</u>	<u>79-41-4</u>	<u>20</u>	<u>70</u>	==	==	==	==	X
<u>Methanethiol;</u> <u>see Methyl mercaptan</u>								
<u>Methomyl (Lannate®)</u>	<u>16752-77-5</u>	==	<u>2.5</u>	==	==	==	==	==
<u>Methoxychlor</u>	<u>72-43-5</u>							
<u>Total dust</u>		==	<u>10</u>	==	==	==	==	==
<u>Respirable fraction</u>		==	<u>5</u>	==	==	==	==	==
<u>2-Methoxyethanol;</u> <u>see Methyl Cellosolve®</u>								
<u>2-Methoxyethyl acetate;</u> <u>see Methyl Cellosolve® acetate</u>								
<u>4-Methoxyphenol</u>	<u>150-76-5</u>	==	<u>5</u>	==	==	==	==	==
<u>Methyl acetate</u>	<u>79-20-9</u>	<u>200</u>	<u>610</u>	<u>250</u>	<u>760</u>	==	==	==
<u>Methyl acetylene (Propyne)</u>	<u>74-99-7</u>	<u>see 1910.1000, Table Z-1</u>						
<u>Methyl acetylene-propadiene mixture (MAPP)</u>	==	<u>1000</u>	<u>1800</u>	<u>1250</u>	<u>2250</u>	==	==	==
<u>Methyl acrylate</u>	<u>96-33-3</u>	<u>see 1910.1000, Table Z-1</u>						
<u>Methylacrylonitrile</u>	<u>126-98-7</u>	<u>1</u>	<u>3</u>	==	==	==	==	X
<u>Methylal (Dimethoxymethane)</u>	<u>109-87-5</u>	<u>see 1910.1000, Table Z-1</u>						
<u>Methyl alcohol (Methanol)</u>	<u>67-56-1</u>	<u>200</u>	<u>260</u>	<u>250</u>	<u>310</u>	==	==	X
<u>Methylamine</u>	<u>74-89-5</u>	<u>see 1910.1000, Table Z-1</u>						
<u>Methyl amyl alcohol;</u> <u>see Methyl isobutyl carbinol</u>								
<u>Methyl n-amyl ketone</u>	<u>110-43-0</u>	<u>see 1910.1000, Table Z-1</u>						
<u>Methyl bromide</u>	<u>74-83-9</u>	<u>5</u>	<u>20</u>	==	==	==	==	X
<u>Methyl butyl ketone;</u> <u>see 2-Hexanone</u>								
<u>Methyl Cellosolve® (2-Methoxyethanol)</u>	<u>109-86-4</u>	<u>see 1910.1000, Table Z-1</u>						
<u>Methyl Cellosolve® acetate (2-Methoxyethyl acetate)</u>	<u>110-49-6</u>	<u>see 1910.1000, Table Z-1</u>						
<u>Methyl chloride</u>	<u>74-87-3</u>	<u>50</u>	<u>105</u>	<u>100</u>	<u>205</u>	==	==	==
<u>Methyl chloroform (1,1,1-Trichloroethane)</u>	<u>71-55-6</u>	<u>350</u>	<u>1900</u>	<u>450</u>	<u>2450</u>	==	==	==
<u>Methyl 2-cyanoacrylate</u>	<u>137-05-3</u>	<u>2</u>	<u>8</u>	<u>4</u>	<u>16</u>	==	==	==

<u>Substance</u>	<u>CAS #</u>	<u>TWA</u>		<u>STEL</u>		<u>Ceiling</u>		<u>Skin desig- nation</u>
		<u>ppm</u>	<u>mg/m³</u>	<u>ppm</u>	<u>mg/m³</u>	<u>ppm</u>	<u>mg/m³</u>	
<u>Methylcyclohexane</u>	<u>108-87-2</u>	<u>400</u>	<u>1600</u>	--	--	--	--	--
<u>Methylcyclohexanol</u>	<u>25639-42-3</u>	<u>50</u>	<u>235</u>	--	--	--	--	--
<u>o-Methylcyclohexanone</u>	<u>583-60-8</u>	<u>50</u>	<u>230</u>	<u>75</u>	<u>345</u>	--	--	X
<u>Methylcyclopentadienyl manganese tricarbonyl (as Mn)</u>	<u>12108-13-3</u>	--	<u>0.2</u>	--	--	--	--	X
<u>Methyl demeton</u>	<u>8022-00-2</u>	--	<u>0.5</u>	--	--	--	--	X
<u>4,4'-Methylene bis(2-chloro- aniline) (MBOCA)</u>	<u>101-14-4</u>	<u>0.02</u>	<u>0.22</u>	--	--	--	--	X
<u>Methylene bis(4-cyclohexyl- isocyanate)</u>	<u>5124-30-1</u>	--	--	--	--	<u>0.01</u>	<u>0.11</u>	--
<u>Methylene chloride</u>	<u>75-09-2</u>	see 1910.1052						
<u>Methylenedianiline (4,4'-Methylenedianiline)</u>	<u>101-77-9</u>	see 1910.1050; 1926.60						
<u>Methyl ethyl ketone (MEK); see 2-Butanone</u>								
<u>Methyl ethyl ketone peroxide (MEKP)</u>	<u>1338-23-4</u>	--	--	--	--	<u>0.7</u>	<u>5</u>	--
<u>Methyl formate</u>	<u>107-31-3</u>	<u>100</u>	<u>250</u>	<u>150</u>	<u>375</u>	--	--	--
<u>Methyl hydrazine (Monomethyl hydrazine)</u>	<u>60-34-4</u>	see 1910.1000, Table Z-1						
<u>Methyl iodide</u>	<u>74-88-4</u>	<u>2</u>	<u>10</u>	--	--	--	--	X
<u>Methyl isoamyl ketone</u>	<u>110-12-3</u>	<u>50</u>	<u>240</u>	--	--	--	--	--
<u>Methyl isobutyl carbinol</u>	<u>108-11-2</u>	<u>25</u>	<u>100</u>	<u>40</u>	<u>165</u>	--	--	X
<u>Methyl isobutyl ketone; see Hexone</u>								
<u>Methyl isocyanate</u>	<u>624-83-9</u>	see 1910.1000, Table Z-1						
<u>Methyl isopropyl ketone</u>	<u>563-80-4</u>	<u>200</u>	<u>705</u>	--	--	--	--	--
<u>Methyl mercaptan</u>	<u>74-93-1</u>	<u>0.5</u>	<u>1</u>	--	--	--	--	--
<u>Methyl methacrylate</u>	<u>80-62-6</u>	see 1910.1000, Table Z-1						
<u>Methyl parathion</u>	<u>298-00-0</u>	--	<u>0.2</u>	--	--	--	--	X
<u>Methyl propyl ketone; see 2-Pentanone</u>								
<u>Methyl silicate</u>	<u>681-84-5</u>	<u>1</u>	<u>6</u>	--	--	--	--	--
<u>alpha-Methyl styrene</u>	<u>98-83-9</u>	<u>50</u>	<u>240</u>	<u>100</u>	<u>485</u>	--	--	--
<u>Methylene bisphenyl isocyanate (MDI)</u>	<u>101-68-8</u>	see 1910.1000, Table Z-1						
<u>Metribuzin</u>	<u>21087-64-9</u>	--	<u>5</u>	--	--	--	--	--
<u>Mica; see Silicates</u>								
<u>Molybdenum (as Mo) Soluble compounds</u>	<u>7439-98-7</u>	see 1910.1000, Table Z-1						

PROPOSED RULES

<u>Substance</u>	<u>CAS #</u>	<u>TWA</u>		<u>STEL</u>		<u>Ceiling</u>		<u>Skin desig- nation</u>
		<u>ppm</u>	<u>mg/m³</u>	<u>ppm</u>	<u>mg/m³</u>	<u>ppm</u>	<u>mg/m³</u>	
<u>Molybdenum (as Mo)</u>	<u>7439-98-7</u>							
<u>Insoluble compounds</u>								
<u>Total dust</u>		==	<u>10</u>	==	==	==	==	==
<u>Respirable fraction</u>		==	<u>5</u>	==	==	==	==	==
<u>Monocrotophos</u> <u>(Azodrin®)</u>	<u>6923-22-4</u>	==	<u>0.25</u>	==	==	==	==	==
<u>Monomethyl aniline</u>	<u>100-61-8</u>	<u>0.5</u>	<u>2</u>	==	==	==	==	X
<u>Monomethyl hydrazine:</u> <u>see Methyl hydrazine</u>								
<u>Morpholine</u>	<u>110-91-8</u>	<u>20</u>	<u>70</u>	<u>30</u>	<u>105</u>	==	==	X
<u>Naphtha (Coal tar)</u>	<u>8030-30-6</u>			<u>see 1910.1000, Table Z-1</u>				
<u>Naphthalene</u>	<u>91-20-3</u>	<u>10</u>	<u>50</u>	<u>15</u>	<u>75</u>	==	==	==
<u>alpha-Naphthylamine</u>	<u>134-32-7</u>			<u>see 1910.1004</u>				
<u>beta-Naphthylamine</u>	<u>91-59-8</u>			<u>see 1910.1009</u>				
<u>Nickel carbonyl (as Ni)</u>	<u>13463-39-3</u>			<u>see 1910.1000, Table Z-1</u>				
<u>Nickel</u>	<u>7440-02-0</u>							
<u>Metal and insoluble</u> <u>compounds (as Ni)</u>				<u>see 1910.1000, Table Z-1</u>				
<u>Nickel</u>	<u>7440-02-0</u>							
<u>Soluble compounds (as Ni)</u>		==	<u>0.1</u>	==	==	==	==	==
<u>Nicotine</u>	<u>54-11-5</u>			<u>see 1910.1000, Table Z-1</u>				
<u>Nitric acid</u>	<u>7697-37-2</u>	<u>2</u>	<u>5</u>	<u>4</u>	<u>10</u>	==	==	==
<u>Nitric oxide</u>	<u>10102-43-9</u>			<u>see 1910.1000, Table Z-1</u>				
<u>p-Nitroaniline</u>	<u>100-01-6</u>	==	<u>3</u>	==	==	==	==	X
<u>Nitrobenzene</u>	<u>98-95-3</u>			<u>see 1910.1000, Table Z-1</u>				
<u>p-Nitrochlorobenzene</u>	<u>100-00-5</u>			<u>see 1910.1000, Table Z-1</u>				
<u>4-Nitrodiphenyl</u>	<u>92-93-3</u>			<u>see 1910.1003</u>				
<u>Nitroethane</u>	<u>79-24-3</u>			<u>see 1910.1000, Table Z-1</u>				
<u>Nitrogen dioxide</u>	<u>10102-44-0</u>	==	==	<u>1</u>	<u>1.8</u>	==	==	==
<u>Nitrogen trifluoride</u>	<u>7783-54-2</u>			<u>see 1910.1000, Table Z-1</u>				
<u>Nitroglycerin</u>	<u>55-63-0</u>	==	==	==	<u>0.1</u>	==	==	X
<u>Nitromethane</u>	<u>75-52-5</u>			<u>see 1910.1000, Table Z-1</u>				
<u>1-Nitropropane</u>	<u>108-03-2</u>			<u>see 1910.1000, Table Z-1</u>				
<u>2-Nitropropane</u>	<u>79-46-9</u>	<u>10</u>	<u>35</u>	==	==	==	==	==
<u>N-Nitrosodimethylamine</u>	<u>62-75-9</u>			<u>see 1910.1016</u>				
<u>Nitrotoluene (all isomers)</u>								
<u>o-isomer</u>	<u>88-72-2</u>	<u>2</u>	<u>11</u>	==	==	==	==	X
<u>m-isomer</u>	<u>99-08-1</u>	<u>2</u>	<u>11</u>	==	==	==	==	X
<u>p-isomer</u>	<u>99-99-0</u>	<u>2</u>	<u>11</u>	==	==	==	==	X

<u>Substance</u>	<u>CAS #</u>	<u>TWA</u>		<u>STEL</u>		<u>Ceiling</u>		<u>Skin desig- nation</u>
		<u>ppm</u>	<u>mg/m³</u>	<u>ppm</u>	<u>mg/m³</u>	<u>ppm</u>	<u>mg/m³</u>	
<u>Nitrotrichloromethane:</u> <u>see Chloropicrin</u>								
<u>Nonane</u>	<u>111-84-2</u>	<u>200</u>	<u>1050</u>	--	--	--	--	--
<u>Octachloronaphthalene</u>	<u>2234-13-1</u>	--	<u>0.1</u>	--	<u>0.3</u>	--	--	<u>X</u>
<u>Octane</u>	<u>111-65-9</u>	<u>300</u>	<u>1450</u>	<u>375</u>	<u>1800</u>	--	--	--
<u>Oil mist, mineral</u>	<u>8012-95-1</u>	<u>see 1910.1000, Table Z-1</u>						
<u>Osmium tetroxide (as Os)</u>	<u>20816-12-0</u>	<u>0.0002</u>	<u>0.002</u>	<u>0.0006</u>	<u>0.006</u>	--	--	--
<u>Oxalic acid</u>	<u>144-62-7</u>	--	<u>1</u>	--	<u>2</u>	--	--	--
<u>Oxygen difluoride</u>	<u>7783-41-7</u>	--	--	--	--	<u>0.05</u>	<u>0.01</u>	--
<u>Ozone</u>	<u>10028-15-6</u>	<u>0.1</u>	<u>0.2</u>	<u>0.3</u>	<u>0.6</u>	--	--	--
<u>Paraffin wax fume</u>	<u>8002-74-2</u>	--	<u>2</u>	--	--	--	--	--
<u>Paraquat, respirable dust</u>	<u>4685-14-7</u>	--	<u>0.1</u>	--	--	--	--	<u>X</u>
<u>Parathion</u>	<u>56-38-2</u>	<u>see 1910.1000, Table Z-1</u>						
<u>Particulates not otherwise regulated</u>	--							
<u>Total dust</u>		<u>see 1910.1000, Table Z-1</u>						
<u>Respirable dust</u>		<u>see 1910.1000, Table Z-1</u>						
<u>PCB; see Chlorodiphenyl (42% and 54% chlorine)</u>								
<u>Pentaborane</u>	<u>19624-22-7</u>	<u>0.005</u>	<u>0.01</u>	<u>0.015</u>	<u>0.03</u>	--	--	--
<u>Pentachloronaphthalene</u>	<u>1321-64-8</u>	<u>see 1910.1000, Table Z-1</u>						
<u>Pentachlorophenol</u>	<u>87-86-5</u>	<u>see 1910.1000, Table Z-1</u>						
<u>Pentaerythritol</u>	<u>115-77-5</u>							
<u>Total dust</u>		--	<u>10</u>	--	--	--	--	--
<u>Respirable fraction</u>		--	<u>5</u>	--	--	--	--	--
<u>Pentane</u>	<u>109-66-0</u>	<u>600</u>	<u>1800</u>	<u>750</u>	<u>2250</u>	--	--	--
<u>2-Pentanone</u> <u>(Methyl propyl ketone)</u>	<u>107-87-9</u>	<u>200</u>	<u>700</u>	<u>250</u>	<u>875</u>	--	--	--
<u>Perchloroethylene</u> <u>(Tetrachloroethylene)</u>	<u>127-18-4</u>	<u>25</u>	<u>170</u>	--	--	--	--	--
<u>Perchloromethyl mercaptan</u>	<u>594-42-3</u>	<u>see 1910.1000, Table Z-1</u>						
<u>Perchloryl fluoride</u>	<u>7616-94-6</u>	<u>3</u>	<u>14</u>	<u>6</u>	<u>28</u>	--	--	--
<u>Perlite</u>	<u>93763-70-3</u>							
<u>Total dust</u>		<u>see 1910.1000, Table Z-1</u>						
<u>Respirable fraction</u>		<u>see 1910.1000, Table Z-1</u>						
<u>Petroleum distillates (Naphtha)</u>	<u>8002-05-9</u>	<u>400</u>	<u>1600</u>	--	--	--	--	--
<u>Phenol</u>	<u>108-95-2</u>	<u>see 1910.1000, Table Z-1</u>						
<u>Phenothiazine</u>	<u>92-84-2</u>	--	<u>5</u>	--	--	--	--	<u>X</u>
<u>p-Phenylene diamine</u>	<u>106-50-3</u>	<u>see 1910.1000, Table Z-1</u>						
<u>Phenyl ether, Vapor</u>	<u>101-84-8</u>	<u>see 1910.1000, Table Z-1</u>						

PROPOSED RULES

Substance	CAS #	TWA		STEL		Ceiling		Skin designation
		ppm	mg/m ³	ppm	mg/m ³	ppm	mg/m ³	
Phenyl ether - biphenyl mixture, Vapor	--			see 1910.1000, Table Z-1				
Phenylethylene: see Styrene								
Phenyl glycidyl ether (PGE)	122-60-1	1	6	--	--	--	--	--
Phenylhydrazine	100-63-0	5	20	10	45	--	--	X
Phenyl mercaptan	108-98-5	0.5	2	--	--	--	--	--
Phenylphosphine	638-21-1	--	--	--	--	0.05	0.25	--
Phorate	298-02-2	--	0.05	--	0.2	--	--	X
Phosdrin® (Mevinphos)	7786-34-7	0.01	0.1	0.03	0.3	--	--	X
Phosgene (Carbonyl chloride)	75-44-5			see 1910.1000, Table Z-1				
Phosphine	7803-51-2	0.3	0.4	1	1	--	--	--
Phosphoric acid	7664-38-2	--	1	--	3	--	--	--
Phosphorus (yellow)	7723-14-0			see 1910.1000, Table Z-1				
Phosphorus oxychloride	10025-87-3	0.1	0.6	--	--	--	--	--
Phosphorus pentachloride	10026-13-8			see 1910.1000, Table Z-1				
Phosphorus pentasulfide	1314-80-3	--	1	--	3	--	--	--
Phosphorus trichloride	7719-12-2	0.2	1.5	0.5	3	--	--	--
Phthalic anhydride	85-44-9	1	6	--	--	--	--	--
m-Phthalodinitrile	626-17-5	--	5	--	--	--	--	--
Picloram	1918-02-1							
Total dust		--	10	--	--	--	--	--
Respirable fraction		--	5	--	--	--	--	--
Picric acid (2,4,6-Trinitrophenol)	88-89-1			see 1910.1000, Table Z-1				
Pindone (2-Pivalyl-1,3-indandione)	83-26-1			see 1910.1000, Table Z-1				
Piperazine dihydrochloride	142-64-3	--	5	--	--	--	--	--
Plaster of Paris	7778-18-9							
Total dust				see 1910.1000, Table Z-1				
Respirable fraction				see 1910.1000, Table Z-1				
Platinum (as Pt)	7440-06-4							
Metal		--	1	--	--	--	--	--
Platinum (as Pt)	7440-06-4							
Soluble salts				see 1910.1000, Table Z-1				
Portland cement	65997-15-1							
Total dust		--	10	--	--	--	--	--
Respirable fraction		--	5	--	--	--	--	--
Potassium hydroxide	1310-58-3	--	--	--	--	--	2	--
Propane	74-98-6			see 1910.1000, Table Z-1				

Substance	CAS #	TWA		STEL		Ceiling		Skin desig- nation
		ppm	mg/m ³	ppm	mg/m ³	ppm	mg/m ³	
Propargyl alcohol	107-19-7	1	2	--	--	--	--	X
beta-Propiolactone	57-57-8			see 1910.1013				
Propionic acid	79-09-4	10	30	--	--	--	--	--
Propoxur (Baygon®)	114-26-1	--	0.5	--	--	--	--	--
n-Propyl acetate	109-60-4	200	840	250	1050	--	--	--
n-Propyl alcohol	71-23-8	200	500	250	625	--	--	--
n-Propyl nitrate	627-13-4	25	105	40	170	--	--	--
Propylene dichloride	78-87-5	75	350	110	510	--	--	--
Propylene glycol dinitrate	6423-43-4	0.05	0.3	--	--	--	--	--
Propylene glycol monomethyl ether	107-98-2	100	360	150	540	--	--	--
Propylene imine	75-55-8			see 1910.1000, Table Z-1				
Propylene oxide	75-56-9	20	50	--	--	--	--	--
Propyne; see Methyl acetylene								
Pyrethrum	8003-34-7			see 1910.1000, Table Z-1				
Pyridine	110-86-1			see 1910.1000, Table Z-1				
Quinone	106-51-4			see 1910.1000, Table Z-1				
RDX; see Cyclonite								
Resorcinol	108-46-3	10	45	20	90	--	--	--
Rhodium (as Rh), Metal fume and insoluble compounds	7440-16-6			see 1910.1000, Table Z-1				
Rhodium (as Rh), Soluble compounds	7440-16-6			see 1910.1000, Table Z-1				
Ronnel	299-84-3	--	10	--	--	--	--	--
Rosin core solder pyrolysis products, as formaldehyde	--	--	0.1	--	--	--	--	--
Rotenone	83-79-4			see 1910.1000, Table Z-1				
Rouge	--							
Total dust		--	10	--	--	--	--	--
Respirable fraction		--	5	--	--	--	--	--
Selenium compounds (as Se)	7782-49-2			see 1910.1000, Table Z-1				
Selenium hexafluoride (as Se)	7783-79-1			see 1910.1000, Table Z-1				
Silica, amorphous, precipitated and gel	--			see 1910.1000, Table Z-3				
Silica, amorphous, diatomaceous earth, containing less than 1% crystalline silica	68855-54-9			see 1910.1000, Table Z-3				
Silica, crystalline cristobalite (as quartz), respirable dust	14464-46-1			see 1910.1000, Table Z-3				
Silica, crystalline quartz (as quartz), respirable dust	14808-60-7			see 1910.1000, Table Z-3				

PROPOSED RULES

Substance	CAS #	TWA		STEL		Ceiling		Skin design- nation
		ppm	mg/m ³	ppm	mg/m ³	ppm	mg/m ³	
<u>Silica, crystalline tripoli</u> (as quartz), respirable dust	<u>1317-95-9</u>	see <u>1910.1000, Table Z-3 (respirable crystalline quartz)</u>						
<u>Silica, crystalline tridymite</u> (as quartz), respirable dust	<u>15468-32-3</u>	see <u>1910.1000, Table Z-3</u>						
<u>Silica, fused, respirable dust</u>	<u>60676-86-0</u>	see <u>1910.1000, Table Z-3</u>						
<u>Silicates (less than 1% crystalline silica)</u>								
<u>Mica (respirable dust)</u>	<u>12001-26-2</u>	--	<u>3</u>	--	--	--	--	--
<u>Soapstone</u>	--							
<u>Total dust</u>		--	<u>6</u>	--	--	--	--	--
<u>Respirable dust</u>		--	<u>3</u>	--	--	--	--	--
<u>Talc (containing asbestos)</u>		see <u>1910.1001</u>						
<u>Talc (not containing asbestos), less than 1% quartz, respirable dust</u>	<u>14807-96-6</u>	--	<u>2</u>	--	--	--	--	--
<u>Tremolite</u>	--	see <u>1910.1001</u>						
<u>Silicon</u>	<u>7440-21-3</u>							
<u>Total dust</u>		--	<u>10</u>	--	--	--	--	--
<u>Respirable fraction</u>		--	<u>5</u>	--	--	--	--	--
<u>Silicon carbide</u>	<u>409-21-2</u>							
<u>Total dust</u>		--	<u>10</u>	--	--	--	--	--
<u>Respirable fraction</u>		--	<u>5</u>	--	--	--	--	--
<u>Silicon tetrahydride</u>	<u>7803-62-5</u>	<u>5</u>	<u>7</u>	--	--	--	--	--
<u>Silver, metal, dust and fume (as Ag)</u>	<u>7440-22-4</u>	see <u>1910.1000, Table Z-1</u>						
<u>Soapstone;</u> see <u>Silicates</u>								
<u>Sodium azide</u>	<u>26628-22-8</u>							
(as HN ₃)		--	--	--	--	<u>0.1</u>	--	X
(as NaN ₃)		--	--	--	--	--	<u>0.3</u>	X
<u>Sodium bisulfite</u>	<u>7631-90-5</u>	--	<u>5</u>	--	--	--	--	--
<u>Sodium fluoroacetate</u>	<u>62-74-8</u>	--	<u>0.05</u>	--	<u>0.15</u>	--	--	X
<u>Sodium hydroxide</u>	<u>1310-73-2</u>	--	--	--	--	--	<u>2</u>	--
<u>Sodium metabisulfite</u>	<u>7681-57-4</u>	--	<u>5</u>	--	--	--	--	--
<u>Starch</u>	<u>9005-25-8</u>							
<u>Total dust</u>		see <u>1910.1000, Table Z-1</u>						
<u>Respirable fraction</u>		see <u>1910.1000, Table Z-1</u>						
<u>Stibine</u>	<u>7803-52-3</u>	see <u>1910.1000, Table Z-1</u>						
<u>Stoddard solvent</u>	<u>8052-41-3</u>	<u>100</u>	<u>525</u>	--	--	--	--	--
<u>Strychnine</u>	<u>57-24-9</u>	see <u>1910.1000, Table Z-1</u>						

<u>Substance</u>	<u>CAS #</u>	<u>TWA</u>		<u>STEL</u>		<u>Ceiling</u>		<u>Skin desig- nation</u>
		<u>ppm</u>	<u>mg/m³</u>	<u>ppm</u>	<u>mg/m³</u>	<u>ppm</u>	<u>mg/m³</u>	
<u>Styrene (Vinyl benzene);</u> <u>see Footnote (1)</u>	<u>100-42-5</u>	<u>50</u>	<u>215</u>	<u>100</u>	<u>425</u>	--	--	--
<u>Subtilisins (Proteolytic</u> <u>enzymes); see Footnote (3)</u>								
<u>Sucrose</u>	<u>57-50-1</u>							
<u>Total dust</u>				<u>see 1910.1000, Table Z-1</u>				
<u>Respirable fraction</u>				<u>see 1910.1000, Table Z-1</u>				
<u>Sulfur dioxide</u>	<u>7446-09-5</u>	<u>2</u>	<u>5</u>	<u>5</u>	<u>10</u>	--	--	--
<u>Sulfur hexafluoride</u>	<u>2551-62-4</u>			<u>see 1910.1000, Table Z-1</u>				
<u>Sulfuric acid</u>	<u>7664-93-9</u>			<u>see 1910.1000, Table Z-1</u>				
<u>Sulfur monochloride</u>	<u>10025-67-9</u>	--	--	--	--	<u>1</u>	<u>6</u>	--
<u>Sulfur pentafluoride</u>	<u>5714-22-7</u>	--	--	--	--	<u>0.01</u>	<u>0.1</u>	--
<u>Sulfur tetrafluoride</u>	<u>7783-60-0</u>	--	--	--	--	<u>0.1</u>	<u>0.4</u>	--
<u>Sulfuryl fluoride</u>	<u>2699-79-8</u>	<u>5</u>	<u>20</u>	<u>10</u>	<u>40</u>	--	--	--
<u>Sulprofos</u>	<u>35400-43-2</u>	--	<u>1</u>	--	--	--	--	--
<u>Systox® (see Demeton)</u>								
<u>2,4,5-T (2,4,5-Trichloro-</u> <u>phenoxyacetic acid)</u>	<u>93-76-5</u>			<u>see 1910.1000, Table Z-1</u>				
<u>Talc; see Silicates</u>								
<u>Tantalum</u>	<u>7440-25-7</u>							
<u>metal and oxide dust</u>				<u>see 1910.1000, Table Z-1</u>				
<u>TEDP (Sulfotep)</u>	<u>3689-24-5</u>			<u>see 1910.1000, Table Z-1</u>				
<u>Tellurium and compounds</u> <u>(as Te)</u>	<u>13494-80-9</u>			<u>see 1910.1000, Table Z-1</u>				
<u>Tellurium hexafluoride (as Te)</u>	<u>7783-80-4</u>			<u>see 1910.1000, Table Z-1</u>				
<u>Temephos</u>	<u>3383-96-8</u>							
<u>Total dust</u>		--	<u>10</u>	--	--	--	--	--
<u>Respirable fraction</u>		--	<u>5</u>	--	--	--	--	--
<u>TEPP (Tetraethyl</u> <u>pyrophosphate)</u>	<u>107-49-3</u>			<u>see 1910.1000, Table Z-1</u>				
<u>Terphenyls</u>	<u>26140-60-3</u>	--	--	--	--	<u>0.5</u>	<u>5</u>	--
<u>1,1,1,2-Tetrachloro-</u> <u>2,2-difluoroethane</u>	<u>76-11-9</u>			<u>see 1910.1000, Table Z-1</u>				
<u>1,1,2,2-Tetrachloro-</u> <u>1,2-difluoroethane</u>	<u>76-12-0</u>			<u>see 1910.1000, Table Z-1</u>				
<u>1,1,2,2-Tetrachloroethane</u>	<u>79-34-5</u>	<u>1</u>	<u>7</u>	--	--	--	--	X
<u>Tetrachloroethylene;</u> <u>see Perchloroethylene</u>								
<u>Tetrachloromethane;</u> <u>see Carbon tetrachloride</u>								
<u>Tetrachloronaphthalene</u>	<u>1335-88-2</u>			<u>see 1910.1000, Table Z-1</u>				
<u>Tetraethyl lead (as Pb)</u>	<u>78-00-2</u>			<u>see 1910.1000, Table Z-1</u>				

PROPOSED RULES

Substance	CAS #	TWA		STEL		Ceiling		Skin designation
		ppm	mg/m ³	ppm	mg/m ³	ppm	mg/m ³	
<u>Tetrahydrofuran</u>	<u>109-99-9</u>	<u>200</u>	<u>590</u>	<u>250</u>	<u>735</u>	--	--	--
<u>Tetramethyl lead (as Pb)</u>	<u>75-74-1</u>			see 1910.1000, Table Z-1				
<u>Tetramethyl succinonitrile</u>	<u>3333-52-6</u>			see 1910.1000, Table Z-1				
<u>Tetranitromethane</u>	<u>509-14-8</u>			see 1910.1000, Table Z-1				
<u>Tetrasodium pyrophosphate</u>	<u>7722-88-5</u>	--	<u>5</u>	--	--	--	--	--
<u>Tetryl (2,4,6-Trinitrophenyl methyl nitramine)</u>	<u>479-45-8</u>	--	<u>0.1</u>	--	--	--	--	X
<u>Thallium, soluble compounds (as Tl)</u>	<u>7440-28-0</u>			see 1910.1000, Table Z-1				
<u>4,4'-Thiobis(6-tert-butyl-m-cresol)</u>	<u>96-69-5</u>							
<u>Total dust</u>		--	<u>10</u>	--	--	--	--	--
<u>Respirable fraction</u>		--	<u>5</u>	--	--	--	--	--
<u>Thioglycolic acid</u>	<u>68-11-1</u>	<u>1</u>	<u>4</u>	--	--	--	--	X
<u>Thionyl chloride</u>	<u>7719-09-7</u>	--	--	--	--	<u>1</u>	<u>5</u>	--
<u>Thiram</u>	<u>137-26-8</u>			see 1910.1000, Table Z-1				
<u>Tin, inorganic compounds (except oxides) (as Sn)</u>	<u>7440-31-5</u>			see 1910.1000, Table Z-1				
<u>Tin, organic compounds (as Sn)</u>	<u>7440-31-5</u>	--	<u>0.1</u>	--	--	--	--	X
<u>Tin oxide (as Sn)</u>	<u>7440-31-5</u>	--	<u>2</u>	--	--	--	--	--
<u>Titanium dioxide</u>	<u>13463-67-7</u>							
<u>Total dust</u>		--	<u>10</u>	--	--	--	--	--
<u>Respirable fraction</u>		--	<u>5</u>	--	--	--	--	--
<u>Toluene</u>	<u>108-88-3</u>	<u>100</u>	<u>375</u>	<u>150</u>	<u>560</u>	--	--	--
<u>Toluene-2,4-diisocyanate (TDI)</u>	<u>584-84-9</u>	<u>0.005</u>	<u>0.04</u>	<u>0.02</u>	<u>0.15</u>	--	--	--
<u>m-Toluidine</u>	<u>108-44-1</u>	<u>2</u>	<u>9</u>	--	--	--	--	X
<u>o-Toluidine</u>	<u>95-53-4</u>			see 1910.1000, Table Z-1				
<u>p-Toluidine</u>	<u>106-49-0</u>	<u>2</u>	<u>9</u>	--	--	--	--	X
<u>Toxaphene:</u> see <u>Chlorinated camphene</u>								
<u>Tremolites:</u> see <u>Silicates</u>								
<u>Tributyl phosphate</u>	<u>126-73-8</u>	<u>0.2</u>	<u>2.5</u>	--	--	--	--	--
<u>Trichloroacetic acid</u>	<u>76-03-9</u>	<u>1</u>	<u>7</u>	--	--	--	--	--
<u>1,2,4-Trichlorobenzene</u>	<u>120-82-1</u>	--	--	--	--	<u>5</u>	<u>40</u>	--
<u>1,1,1-Trichloroethane:</u> see <u>Methyl chloroform</u>								
<u>1,1,2-Trichloroethane</u>	<u>79-00-5</u>			see 1910.1000, Table Z-1				
<u>Trichloroethylene</u>	<u>79-01-6</u>	<u>50</u>	<u>270</u>	<u>200</u>	<u>1080</u>	--	--	--

Substance	CAS #	TWA		STEL		Ceiling		Skin designation
		ppm	mg/m ³	ppm	mg/m ³	ppm	mg/m ³	
Trichloromethane: see Chloroform								
Trichloronaphthalene	1321-65-9			see 1910.1000, Table Z-1				
1,2,3-Trichloropropane	96-18-4	10	60	--	--	--	--	--
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	1000	7600	1250	9500	--	--	--
Triethylamine	121-44-8	10	40	15	60	--	--	--
Trifluorobromomethane	75-63-8			see 1910.1000, Table Z-1				
Trimellitic anhydride	552-30-7	0.005	0.04	--	--	--	--	--
Trimethylamine	75-50-3	10	24	15	36	--	--	--
Trimethyl benzene	25551-13-7	25	125	--	--	--	--	--
Trimethyl phosphite	121-45-9	2	10	--	--	--	--	--
2,4,6-Trinitrophenol: see Picric acid								
2,4,6-Trinitrophenylmethyl nitramine; see Tetryl								
2,4,6-Trinitrotoluene (TNT)	118-96-7	--	0.5	--	--	--	--	X
Tri-ortho-cresyl phosphate	78-30-8	--	0.1	--	--	--	--	X
Triphenyl amine	603-34-9	--	5	--	--	--	--	--
Triphenyl phosphate	115-86-6			see 1910.1000, Table Z-1				
Tungsten (as W)	7440-33-7							
Insoluble compounds		--	5	--	10	--	--	--
Soluble compounds		--	1	--	3	--	--	--
Turpentine	8006-64-2			see 1910.1000, Table Z-1				
Uranium (as U)	7440-61-1							
Soluble compounds				see 1910.1000, Table Z-1				
Uranium (as U)	7440-61-1							
Insoluble compounds		--	0.2	--	0.6	--	--	--
n-Valeraldehyde	110-62-3	50	175	--	--	--	--	--
Vanadium	1314-62-1							
Respirable dust (as V ₂ O ₅)		--	0.05	--	--	--	--	--
Fume (as V ₂ O ₅)		--	0.05	--	--	--	--	--
Vegetable oil mist	--							
Total dust				see 1910.1000, Table Z-1				
Respirable dust				see 1910.1000, Table Z-1				
Vinyl acetate	108-05-4	10	30	20	60	--	--	--
Vinyl benzene: see Styrene								
Vinyl bromide	593-60-2	5	20	--	--	--	--	--
Vinyl chloride				see 1910.1017				

PROPOSED RULES

<u>Substance</u>	<u>CAS #</u>	<u>TWA</u>		<u>STEL</u>		<u>Ceiling</u>		<u>Skin desig- nation</u>
		<u>ppm</u>	<u>mg/m³</u>	<u>ppm</u>	<u>mg/m³</u>	<u>ppm</u>	<u>mg/m³</u>	
<u>Vinyl cyanide:</u> <u>see Acrylonitrile</u>								
<u>Vinyl cyclohexene dioxide</u>	<u>106-87-6</u>	<u>10</u>	<u>60</u>	<u>==</u>	<u>==</u>	<u>==</u>	<u>==</u>	<u>X</u>
<u>Vinylidene chloride</u> <u>(1,1-Dichloroethylene)</u>	<u>75-35-4</u>	<u>1</u>	<u>4</u>	<u>==</u>	<u>==</u>	<u>==</u>	<u>==</u>	<u>==</u>
<u>Vinyl toluene</u>	<u>25013-15-4</u>			<u>see 1910.1000, Table Z-1</u>				
<u>V M & P Naphtha</u>	<u>8032-32-4</u>	<u>300</u>	<u>1350</u>	<u>400</u>	<u>1800</u>	<u>==</u>	<u>==</u>	<u>==</u>
<u>Warfarin</u>	<u>81-81-2</u>			<u>see 1910.1000, Table Z-1</u>				
<u>Welding fumes (total particulate, breathing zone)</u>	<u>==</u>	<u>==</u>	<u>5</u>	<u>==</u>	<u>==</u>	<u>==</u>	<u>==</u>	<u>==</u>
<u>Wood dust, all soft and hard woods, except Western Red Cedar</u>	<u>==</u>	<u>==</u>	<u>5</u>	<u>==</u>	<u>10</u>	<u>==</u>	<u>==</u>	<u>==</u>
<u>Wood dust, Western red cedar</u>	<u>==</u>	<u>==</u>	<u>2.5</u>	<u>==</u>	<u>==</u>	<u>==</u>	<u>==</u>	<u>==</u>
<u>Xylenes (o-, m-, p- isomers)</u>	<u>1330-20-7</u>	<u>100</u>	<u>435</u>	<u>150</u>	<u>655</u>	<u>==</u>	<u>==</u>	<u>==</u>
<u>m-Xylene-alpha, alpha'-diamine</u>	<u>1477-55-0</u>	<u>==</u>	<u>==</u>	<u>==</u>	<u>==</u>	<u>==</u>	<u>0.1</u>	<u>X</u>
<u>Xylidine</u>	<u>1300-73-8</u>	<u>2</u>	<u>10</u>	<u>==</u>	<u>==</u>	<u>==</u>	<u>==</u>	<u>X</u>
<u>Yttrium</u>	<u>7440-65-5</u>			<u>see 1910.1000, Table Z-1</u>				
<u>Zinc chloride fume</u>	<u>7646-85-7</u>	<u>==</u>	<u>1</u>	<u>==</u>	<u>2</u>	<u>==</u>	<u>==</u>	<u>==</u>
<u>Zinc chromate (as CrO₃)</u>	<u>Varies with compound</u>	<u>==</u>	<u>==</u>	<u>==</u>	<u>==</u>	<u>==</u>	<u>0.1</u>	<u>==</u>
<u>Zinc oxide fume</u>	<u>1314-13-2</u>	<u>==</u>	<u>5</u>	<u>==</u>	<u>10</u>	<u>==</u>	<u>==</u>	<u>==</u>
<u>Zinc oxide</u>	<u>1314-13-2</u>							
<u>Total dust</u>		<u>==</u>	<u>10</u>	<u>==</u>	<u>==</u>	<u>==</u>	<u>==</u>	<u>==</u>
<u>Respirable fraction</u>		<u>==</u>	<u>5</u>	<u>==</u>	<u>==</u>	<u>==</u>	<u>==</u>	<u>==</u>
<u>Zinc stearate</u>	<u>557-05-1</u>							
<u>Total dust</u>		<u>==</u>	<u>10</u>	<u>==</u>	<u>==</u>	<u>==</u>	<u>==</u>	<u>==</u>
<u>Respirable fraction</u>		<u>==</u>	<u>5</u>	<u>==</u>	<u>==</u>	<u>==</u>	<u>==</u>	<u>==</u>
<u>Zirconium compounds (as Zr)</u>	<u>7440-67-7</u>	<u>==</u>	<u>5</u>	<u>==</u>	<u>10</u>	<u>==</u>	<u>==</u>	<u>==</u>

TABLE Z-2

<u>Acceptable maximum peak above the acceptable ceiling concentration for an 8-hr. shift</u>				
<u>Substance</u>	<u>8-hour time weighted average</u>	<u>Acceptable ceiling concentration</u>	<u>Concentration</u>	<u>Maximum duration</u>
<u>Benzene</u> ^a	<u>10 ppm</u>	<u>25 ppm</u>	<u>50 ppm</u>	<u>10 minutes</u>
<u>Cadmium fume</u> ^b	<u>0.1 mg/m³</u>	<u>0.3 mg/m³</u>	

Acceptable maximum peak above the
acceptable ceiling concentration
for an 8-hr. shift

<u>Substance</u>	<u>8-hour time weighted average</u>	<u>Acceptable ceiling concentration</u>	<u>Concentration</u>	<u>Maximum duration</u>
<u>Cadmium dust</u> ^b	<u>0.2 mg/m³</u>	<u>0.6 mg/m³</u>	
<u>Ethylene dibromide</u>	<u>20 ppm</u>	<u>30 ppm</u>	<u>50 ppm</u>	<u>5 minutes</u>
<u>Ethylene dichloride</u>	<u>50 ppm</u>	<u>100 ppm</u>	<u>200 ppm</u>	<u>5 minutes in any 3 hours</u>

a. This standard applies to the industry segments exempt from the 1 ppm 8-hour TWA and 5 ppm STEL of the benzene standard at 1910.1028.

b. This standard applies to any operation or sectors for which the Cadmium standard, 1910.1027, is stayed or otherwise not in effect.

TABLE Z-3 -- MINERAL DUSTS

<u>Substance</u>	<u>mppcf</u>	<u>mg/m³</u>
<u>Silica:</u>		
<u>Crystalline</u>		
<u>Quartz (Respirable)</u>	<u>250</u>	<u>10 mg/m³</u>
	<u>% SiO₂ ±</u>	<u>% SiO₂ ± 2</u>
	<u>5</u>	
<u>Quartz (Total Dust)</u>	<u>--</u>	<u>30 mg/m³</u>
		<u>% SiO₂ ± 2</u>
<u>Cristobalite: Use ½ the value calculated from the count or mass formulae for quartz</u>		
<u>Tridymite: Use ½ the value calculated from the formulae for quartz</u>		
<u>Amorphous, including natural diatomaceous earth</u>	<u>20</u>	<u>80 mg/m³</u>
		<u>% SiO₂</u>
<u>Coal Dust:</u>		
<u>Respirable fraction less than 5% SiO₂</u>	<u>--</u>	<u>2.4 mg/m³</u>
<u>Respirable fraction greater than 5% SiO₂</u>	<u>--</u>	<u>10 mg/m³</u>
		<u>% SiO₂ ± 2</u>

(b) ~~(B)~~ Incorporation by reference of modified final rule for 29 CFR 1910.1200, Hazard Communication, including Appendices A through E, published in 59 FR (February 9, 1994) pages 6170 - 6184 except that 1910.1200(b)(6)(ii) is amended to read: "(ii) Any hazardous substance as such term is defined by the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) (42 U.S.C. 9601 *et seq*), when regulated as a hazardous waste under that Act by the Environmental Protection Agency."

~~(b) Copies of the applicable Code of Federal Regulations sections referred to in this Subchapter are available to the public.~~

Please refer to 13 NCAC 7A .0302 for the costs involved and from whom copies may be obtained.

Authority G.S. 95-131; 95-133; 150B-21.6.

Notice is hereby given in accordance with G.S. 150B-21.2 that the Department of Labor, Division of Occupational Safety and Health intends to amend rules cited as 13 NCAC 16 .0101 - .0102, .0201 - .0202, .0301; adopt rules cited as 13 NCAC 16 .0103, .0401 - .0402, .0501 - .0502, .0601 - .0602; and repeal rules cited as 13 NCAC 16 .0203 - .0208, .0302 - .0303. Notice of Rule-making Proceedings was published in the Register on April 15, 1997.

Proposed Effective Date: July 1, 1998

A Public Hearing will be conducted at 10:00 a.m. on September 19, 1997 at the NCDOL: Division of Occupational Safety and Health, 319 Chapanoke Road, Suite 105, Conference Room A, Raleigh, NC.

Reason for Proposed Action: The primary changes proposed in this rule-making submittal will fully implement a voluntary, self-inspection program for owners of migrant housing that has been experimentally implemented under the name Gold Star Grower. The program recognizes and encourages those owners of migrant housing that self-identify and eliminate hazards, and contributes to the efficient and economical operation of OSHNC. Other changes are necessary to implement the primary changes and to clarify when actions under the Migrant Housing Act will follow Occupational Safety and Health Act procedures for inspection, enforcement, penalties and appeals.

Comment Procedures: The purpose of this announcement is to encourage all interested and potentially affected persons or parties to make their views known to the Division of Occupational Safety and Health (OSH) whether in favor of or opposed to any and all provisions of the proposal being noticed. Written comments, data, or other information relevant to this proposal must be submitted within 30 days (October 3, 1997). Written comments may be submitted to: Peggy D. Morris, Division of Occupational Safety and Health at NCDOL: Division of Occupational Safety and Health, 319 Chapanoke Road, Suite 105, Raleigh, NC 27603-3432, Phone: (919) 662-4581 or 1-800-LABORNC, FAX: (919) 662-4582.

Fiscal Note: These Rules do not affect the expenditures or revenues of state or local government funds. These Rules do not have a substantial economic impact of at least five million dollars (\$5,000,000) in a 12-month period.

CHAPTER 16 - MIGRANT HOUSING

SECTION .0100 - GENERAL

.0101 PURPOSE

This particular chapter Chapter applies to the inspection and occupancy of all migrant housing within the scope of Article 19 of Chapter 95 of the General Statutes: sets forth the rules of procedure for implementing G.S. 95, Article 19, Migrant Housing Act of North Carolina.

Authority G.S. 95-4(2); 95-222; 95-224.

.0102 FORMS

The Department of Labor will issue the following migrant housing operator-related forms in connection with the preoccupancy inspection process:

- (1) ~~An "application" requesting a preoccupancy inspection, to be completed by the migrant housing operator to notify the Department of the intent to house migrant workers.~~
- (2) ~~A card from the Department of Labor indicating receipt of the "application" requesting a preoccupancy inspection.~~
- (3) ~~The "Migrant Housing Preoccupancy Inspection Sheet", to be completed by an inspector and given to the migrant camp operator. This sheet indicates the corrections and modifications that need to be made; if any, to the housing in order for it to be in compliance with the Migrant Housing Act.~~
- (4) ~~A "Migrant Housing Preoccupancy Abatement Notice" to be completed, signed and dated by the migrant housing operator, indicating that the items listed on the Migrant Housing Preoccupancy Inspection Sheet have been corrected. This form will list each item and the action taken to make the correction.~~
- (5) ~~A "Housing Occupancy Certificate," which is to be issued to the migrant housing operator when the housing is in full compliance.~~

Forms, including an "application for inspection," as provided in G.S. 95-226, shall be issued by the Department.

Authority G.S. 95-4(2); 95-227.

.0103 DEFINITIONS

The term "Department" shall mean the Department of Labor of North Carolina.

Authority G.S. 95-4(2).

SECTION .0200 -MIGRANT HOUSING CERTIFICATE

.0201 PREOCCUPANCY INSPECTIONS

- (a) ~~Upon Following~~ the filing of an application for a

preoccupancy inspection "application for inspection" by an operator, the person who submitted the application shall be contacted by the Department, at which time, the Department has the authority to schedule an inspection. an inspection shall be scheduled by the Department of Labor. Upon arriving at the migrant housing site, Department of Labor inspectors shall present their credentials to the operator or agent in charge of the housing, explain the nature and purpose of the inspection, and indicate generally the scope of the inspection.

(b) Inspectors The Commissioner or assigned designees shall have authority to take photographs inspect all facilities related to the purpose of the inspection and take measurements, samples, photographs, videos, conduct interviews or employ other reasonable investigative techniques.

(c) The migrant housing operator or representative shall be afforded an opportunity to provide any pertinent information regarding conditions in the housing.

(e) (d) At the conclusion of an inspection, the inspector Commissioner or assigned designees shall confer with provide a written statement of any identified health or safety violation to the migrant housing operator or his representative representative. and complete and leave with the migrant housing operator or representative the "Migrant Housing Preoccupancy Inspection Sheet" in order to advise him of any apparent safety or health violations disclosed by the inspection. During such conference, the migrant housing operator shall be afforded an opportunity to bring to the attention of the inspector any pertinent information regarding conditions in the housing.

Authority G.S. 95-4(2); 95-136; 95-226.

.0202 MIGRANT HOUSING CERTIFICATE

Where apparent safety and health violations are noted during a preoccupancy inspection, a completed "Migrant Housing Preoccupancy Abatement Notice," signed and dated by the migrant housing operator, indicating that all needed corrections have been made, shall be submitted to the Department of Labor before a certificate shall be issued:

(a) If no violations are identified during the preoccupancy inspection, the Department shall issue a migrant housing certificate to the operator.

(b) Upon notification of any violations, the operator shall correct the violation(s) and so certify on the form supplied by the Department. The operator shall provide any access or information requested by the Department to verify that the identified violations have been abated. When the violative conditions are corrected, the Department shall issue a migrant housing certificate to the operator.

(c) Except as provided in G.S. 95-226(d) and (e), no migrant housing shall be occupied prior to the receipt and posting, in a place accessible to all migrants, of a migrant housing certificate.

Authority G.S. 95-4(2); 95-136(g); 95-226; 95-227.

.0203 CERTIFICATION DENIED

Following a preoccupancy inspection, a migrant housing

operator shall not allow migrant housing to be occupied until any safety and health violations are corrected and a certificate issued:

Authority G.S. 95-136(g); 95-226; 95-227.

.0204 CONTESTING DENIAL

Any operator wishing to contest the Department's failure to issue a certificate may do so by filing a petition for a hearing in accordance with G.S. 150B:

Authority G.S. 95-226; 150B-23.

.0205 ISSUANCE OF CERTIFICATES

A "housing occupancy certificate" shall be issued by the Department of Labor to the migrant housing operator when the migrant housing has been approved and shall contain information indicating:

- (1) ~~the name of the operator responsible for the housing;~~
- (2) ~~the address of the housing;~~
- (3) ~~the number of occupants allowed to inhabit the housing;~~
- (4) ~~the expected dates of occupancy;~~
- (5) ~~a description and number of the housing units;~~
- (6) ~~the date certificate is issued;~~
- (7) ~~the date of inspection;~~
- (8) ~~any special housing conditions which may exist;~~
- (9) ~~the expiration date of the certificate, which shall not exceed one year from the date of inspection;~~
- (10) ~~the relevant address of the Department of Labor; and~~
- (11) ~~the signature of the appropriate official.~~

Authority G.S. 95-227.

.0206 POSTING REQUIREMENTS

When the housing has been certified to be in compliance with Article 19 of Chapter 95 of the General Statutes, each migrant housing operator shall notify all migrants by posting the "Housing Occupancy Certificate(s)" in a place accessible to the migrants:

Authority G.S. 95-136(g); 95-226; 95-227.

.0207 REPEAT PREOCCUPANCY VISITS

A repeat visit may be conducted following the preoccupancy inspection to determine if deficiencies listed on the "Migrant Housing Preoccupancy Abatement Sheet" have been corrected. If the housing is occupied when this inspection is made, North Carolina Occupational Safety and Health enforcement procedures shall be followed:

Authority G.S. 95-226; 95-227.

.0208 ENFORCEMENT VISITS

Enforcement visits shall be conducted in accordance with North Carolina Occupational Safety and Health rules as found in 13 NCAC Chapter 7:

Authority G.S. 95-227.

SECTION .0300 - PROVISIONAL OCCUPANCY

.0301 PROVISIONAL OCCUPANCY

A migrant housing operator may allow migrant housing to be occupied on a provisional basis if the operator ~~applied for a preoccupancy inspection at least 45 days prior to occupancy; the preoccupancy inspection was not conducted by the Department of Labor of North Carolina at least four days prior to the date specified on the "application" as the "arrival date"; and the migrant housing operator possesses the card from the North Carolina Department of Labor verifying that the "application" has been received.~~ has met the requirements of either G.S. 95-226 or 13 NCAC 16 .0602.

Authority G.S. 95-4(2); 95-136(g); 95-226; 95-227.

.0302 PROVISIONAL OCCUPANCY DENIED

~~Provisional occupancy is not permitted if the water and sewage system for the housing has not been approved by the local health department. Any inspection of occupied housing in which water and sewage systems have not been approved will constitute an Occupational Safety and Health enforcement inspection with the issuance of appropriate citations and penalties.~~

Authority G.S. 95-225; 95-226; 95-227; 130A-337.

.0303 INSPECTION OF PROVISIONALLY OCCUPIED HOUSING

~~When an inspector makes a preoccupancy inspection on housing occupied on a provisional basis, the inspector shall issue an on-site written notice to the migrant housing operator to correct any deficiencies within two days or the provisional occupancy will be revoked.~~

Authority G.S. 95-136(g); 95-226; 95-227.

SECTION .0400 - ENFORCEMENT

.0401 ENFORCEMENT INSPECTIONS

Enforcement inspections shall be conducted in accordance with G.S. 95-227 and applicable 13 NCAC 7 rules.

Authority G.S. 95-4(2); 95-227.

.0402 CITATIONS AND PENALTIES

Pursuant to G.S. 95-227, citations and penalties for violating the provisions of this Chapter or G.S. 95, Article 19 shall be issued in accordance with G.S. 95-137 and 138(a).

Authority G.S. 95-4(2); 95-227.

SECTION .0500 - APPEALS

.0501 APPEALING NON-ISSUANCE OF A MIGRANT HOUSING CERTIFICATE

An operator who is denied a migrant housing certificate requested pursuant to G.S. 95-226 may appeal such denial to the Commissioner. The Commissioner's decision shall be considered a final agency decision and may be appealed in accordance with G.S. 150B.

Authority G.S. 95-4(2); 95-137; 95-227.

.0502 APPEALING VIOLATIONS OF THIS CHAPTER AND/OR G.S. 95, ARTICLE 19

Citations and penalties issued pursuant to this Chapter may be contested in accordance with G.S. 95-137 as provided in G.S. 95-227.

Authority G.S. 95-4(2); 95-227.

SECTION .0600 - RECOGNITION PROGRAMS

.0601 GOLD STAR GROWER PROGRAM

An operator who submitted an application for inspection at least 45 days prior to occupancy, received a migrant housing certificate, had no identified violations at the time of the preoccupancy inspection, and exceeds the minimum standards for migrant housing, shall be designated a Gold Star Grower.

Authority G.S. 95-4(2); 95-133.

.0602 SELF INSPECTION PROGRAM

(a) An operator may conduct their own preoccupancy inspection if the following requirements are met:

- (1) The operator holds Gold Star Grower status as defined by 13 NCAC 16 .0601 for two years; and
- (2) Upon invitation of the Department, the operator attends a Gold Star Grower informational meeting.

(b) The Department shall issue a provisional occupancy self inspection certificate if the operator, at least 30 days prior to occupancy, submits a satisfactorily completed self inspection package.

(c) Operators who conduct self inspections shall post, in a place accessible to all migrants, a copy of the provisional occupancy self inspection certificate issued by the Department.

Authority G.S. 95-4(2); 95-136; 95-226.

TITLE 15A - DEPARTMENT OF ENVIRONMENT, HEALTH, AND NATURAL RESOURCES

Notice is hereby given in accordance with G.S. 150B-21.2 that the EHNHR - Environmental Management Commission intends to amend rule cited as 15A NCAC 2B .0305. Notice of Rule-making Proceedings was published in the Register on January 15, 1997.

Proposed Effective Date: August 1, 1998

A Public Hearing will be conducted at 7:00 p.m. on September 18, 1997 at the Beech Mountain Club, Administrative Office Building, 105 Lakeledge Road, Beech Mountain, NC 28604.

Reason for Proposed Action: The N.C. Department of Environment, Health and Natural Resources on behalf of the Environmental Management Commission (EMC) will conduct a public hearing in order to receive public comments on a proposal to reclassify a portion of East Fork Pond Creek (Watauga River Basin) in Watauga and Avery Counties from Class WS (Water Supply) -II Tr (Trout) to Class WS-V Tr. These rule-making proceedings are being held in accordance with N.C.G.S. 143-214.1, 143-215.1, and 143-215.3(a)(1).

The Avery County and Watauga County Board of Commissioners have requested that the Environmental Management Commission (EMC) reclassify the Pond Creek water supply watershed from its current WS-II classification to a more appropriate water supply classification. During the statewide water supply watershed reclassification process conducted in 1990 and 1991, which was mandated by North Carolina General Statute 143-214.5 (Water Supply Watershed Protection Act), the state used existing land uses and types of wastewater discharges in each water supply watershed to develop a proposed water supply classification to bring to public hearing for comment. All of the water supply watersheds were reclassified effective August 3, 1993. Avery and Watauga Counties believe that the Pond Creek watershed may not have been classified correctly during this process.

After evaluating drainage patterns, the composition of the watershed, and water supply sources, the EMC proposes to reclassify the East Fork Pond Creek from WS-II Tr to WS-V Tr, Santis Lake from WS-II Tr CA to WS-V Tr, and the connecting stream from Lake Coffey to Pond Creek from WS-II Tr CA to C Tr. The WS-II Tr classification for the West Fork Pond Creek would remain in place. The East Fork Pond Creek watershed drains to Santis Lake. Water from this lake is used for making snow and golf course irrigation. In severe drought situations water from Santis Lake could be pumped to Lake Coffey. Lake Coffey is used as a water supply source for the Town of Beech Mountain. A portion of the flow from the West Fork Pond Creek watershed enters Lake Coffey via a diversion pipe, with the remaining flow going to Santis Lake.

Avery County, Watauga County and the Town of Beech Mountain have land use jurisdiction in the area proposed for reclassification. If the East Fork Pond Creek is reclassified, the affected local governments will have the option of modifying their drinking water supply protection ordinances to reflect the reclassification. No categorical restrictions on watershed development or treated wastewater discharges are required for areas classified as WS-V.

Comment Procedures: The purpose of this announcement is to encourage those interested in this proposal to provide comments. You may either attend the public hearing and make relevant verbal comments or submit written comments, data or

other relevant information by October 18, 1997. The Hearing Officer may limit the length of time that you may speak at the public hearing, if necessary, so that all those who wish to speak may have an opportunity to do so. We encourage you to submit written comments as well.

The EMC is very interested in all comments pertaining to the proposed reclassification. It is very important that all interested and potentially affected persons or parties make their views known to the EMC whether in favor of or opposed to any and all provisions of the proposed reclassification. The EMC may not adopt a rule that differs substantially from the text of the proposed rule published in the North Carolina Register unless the EMC publishes the text of the proposed different rule and accepts comments on the new text (see 150B-21.2(g)). All interested and potentially affected persons are strongly encouraged to read the entire announcement and supporting information, and make appropriate comments on the proposal presented. The proposed effective date for the final rules pursuant to this hearing process is August 1, 1998. Written comments may be submitted by October 18, 1997 to:

Liz Kovasckitz
DEHNR/Division of Water Quality
P.O. Box 29535
Raleigh, NC 27626-0535
(919) 733-5083, extension 572

In the case of inclement weather on the day the public hearing is scheduled, please contact the above telephone number for a recorded message on any changes to the location, day or time of the hearing.

Fiscal Note: This Rule does not affect the expenditures or revenues of state or local government funds. This Rule does not have a substantial economic impact of at least five million dollars (\$5,000,000) in a 12-month period.

CHAPTER 2 - ENVIRONMENTAL MANAGEMENT

SUBCHAPTER 2B - SURFACE WATER AND WETLAND STANDARDS

SECTION .0300 - ASSIGNMENT OF STREAM CLASSIFICATIONS

.0305 WATAUGA RIVER BASIN

(a) ~~Places where the schedule may be inspected:~~ The schedule may be inspected at the following places:

- (1) Clerk of Court:
Avery County
Watauga County
- (2) North Carolina Department of Environment, Health, and Natural Resources
Asheville Regional Office
Interchange Building
59 Woodfin Place
Asheville, North Carolina Carolina.

(b) Unnamed Streams. Such streams entering the State of Tennessee are classified "C."

(c) The Watauga River Basin Schedule of Classifications and Water Quality Standards was amended effective:

- (1) August 12, 1979;
- (2) February 1, 1986;
- (3) October 1, 1987;
- (4) August 1, 1989;
- (5) August 1, 1990;
- (6) December 1, 1990;
- (7) April 1, 1992;
- (8) August 3, 1992;
- (9) February 1, 1993;
- (10) April 1, ~~1994~~ 1994;
- (11) August 1, 1998.

(d) The Schedule of Classifications and Water Quality Standards for the Watauga River Basin was amended effective July 1, 1989 as follows:

- (1) Dutch Creek (Index No. 8-11) was reclassified from Class C-trout to Class B-trout.
- (2) Pond Creek (Index No. 8-20-2) from water supply intake (located just above Tamarack Road) to Beech Creek and all tributary waters were reclassified from Class WS-III to C.

(e) The Schedule of Classifications and Water Quality Standards for the Watauga River Basin was amended effective December 1, 1990 with the reclassification of the Watauga River from the US Highway 321 bridge to the North Carolina/Tennessee state line from Class C to Class B.

(f) The Schedule of Classifications and Water Quality Standards for the Watauga River Basin was amended effective April 1, 1992 with the reclassification of Pond Creek from Classes WS-III and C to Classes WS-III Trout and C Trout.

(g) The Schedule of Classifications and Water Quality Standards for the Watauga River Basin was amended effective August 3, 1992 with the reclassification of all water supply waters (waters with a primary classification of WS-I, WS-II or WS-III). These waters were reclassified to WS-I, WS-II, WS-III, WS-IV or WS-V as defined in the revised water supply protection rules, (15A NCAC 2B .0100, .0200 and .0300) which became effective on August 3, 1992. In some cases, streams with primary classifications other than WS were reclassified to a WS classification due to their proximity and linkage to water supply waters. In other cases, waters were reclassified from a WS classification to an alternate appropriate primary classification after being identified as downstream of a water supply intake or identified as not being used for water supply purposes.

(h) The Schedule of Classifications and Water Quality Standards for the Watauga River Basin has been amended effective February 1, 1993 with the reclassification of Boone Fork (Index No. 8-7) and all tributary waters from Classes C Tr HQW and C HQW to Classes C Tr ORW and C ORW.

(i) The Schedule of Classifications and Water Quality Standards for the Watauga River Basin has been amended effective April 1, 1994 with the reclassification of the Elk River from Peavine Branch to the North Carolina/Tennessee state line [Index No. 8-22-(3)] from Class C Tr to Class B Tr.

(j) The Schedule of Classifications and Water Quality Standards for the Watauga River Basin has been amended effective August 1, 1998 with the reclassification of East Fork Pond Creek from its source to the backwater of Santis Lake, [Index No. 8-20-2-1.5] from Class WS-II Tr to Class WS-V Tr; the reclassification of West Fork Pond Creek (Santis Lake) [Index No. 8-20-2-1-(2)] from the backwaters of Santis Lake to Pond Creek from WS-II Tr CA to WS-V Tr; and the reclassification of the connecting stream of Lake Coffey [Index No. 8-20-2-2] from the dam at Lake Coffey to Pond Creek from WS-II Tr CA to C Tr.

Authority G.S. 143-214.1; 143-215.1; 143-215.3(a)(1).

Notice is hereby given in accordance with G.S. 150B-21.2 that the EHNR - Environmental Management Commission intends to amend rule cited as 15A NCAC 2B .0313. Notice of Rule-making Proceedings was published in the Register on March 14, 1997.

Proposed Effective Date: August 1, 1998

A Public Hearing will be conducted at 7:00 p.m. on September 30, 1997 at the Government Center, Highway 89, Danbury, NC 27016.

Reason for Proposed Action: The N.C. Department of Environment, Health and Natural Resources on behalf of the Environmental Management Commission (EMC) will conduct a public hearing in order to receive public comments on a proposal to reclassify a portion of Cascade and Indian Creeks (Roanoke River Basin) in Stokes County to Outstanding Resource Waters (ORW). These rule-making proceedings are being held in accordance with N.C.G.S. 143-214.1, 143-215.1, and 143-215.3(a)(1).

The Superintendent of Hanging Rock State Park has requested that the EMC reclassify two creeks in Hanging Rock State Park in Stokes County (Roanoke River Basin) to include the ORW supplemental classification. Cascade Creek, from its source to the backwaters of the swimming lake, is proposed for reclassification from Class B to Class B ORW. And Indian Creek, from its source to Window Falls, is proposed to be reclassified from Class C to Class C ORW. Both of these stream segments are entirely within the Hanging Rock State Park Boundary.

In order to be classified as ORW, a water body must be of exceptional state or national recreational or ecological significance and the waters must have exceptional water quality. In addition, the waters must also exhibit one or more of the following resource values or uses:

- (1) there are outstanding fish (or commercially important aquatic species) habitat and fisheries;
- (2) there is an unusually high level of water-based recreation or the potential for such recreation;

(3) the waters have already received some special designation such as a North Carolina or National Wild and Scenic River, Native or Special Native Trout Waters, National Wildlife Refuge, etc. which do not provide any water quality protection; (4) the waters represent an important component of a state or national park or forest; or

(5) the waters are of special ecological or scientific significance such as habitat for rare or endangered species or as areas for research and education.

Water quality analyses show that Cascade Creek, from its source to the swimming lake, and Indian Creek from its source to Window Falls have excellent water quality. Cascade and Indian Creeks are important components of Hanging Rock State Park and rare invertebrate species were found in both streams. Therefore these waters qualify for ORW status. Special protection measures that apply to North Carolina ORWs are set forth in 15A NCAC 2B .0225. At a minimum, no new discharges or expansions are permitted, and stormwater controls for most new development are required. There are no existing or proposed wastewater discharges in the area affected by this proposed reclassification.

Comment Procedures: The purpose of this announcement is to encourage those interested in this proposal to provide comments. You may either attend the public hearing and make relevant verbal comments or submit written comments, data or other relevant information by October 30, 1997. The Hearing Officer may limit the length of time that you may speak at the public hearing, if necessary, so that all those who wish to speak may have an opportunity to do so. We encourage you to submit written comments as well.

The EMC is very interested in all comments pertaining to the proposed reclassifications. It is very important that all interested and potentially affected persons or parties make their views known to the EMC whether in favor of or opposed to any and all provisions of the proposed reclassifications. The EMC may not adopt a rule that differs substantially from the text of the proposed rule published in the North Carolina Register unless the EMC publishes the text of the proposed different rule and accepts comments on the new text (see 150B-21.2(g)). All interested and potentially affected persons are strongly encouraged to read the entire announcement and supporting information, and make appropriate comments on the proposal presented. The proposed effective date for the final rules pursuant to this hearing process is August 1, 1998. Written comments may be submitted by October 30, 1997 to:

Liz Kovasckitz

DEHNR/Division of Water Quality

P.O. Box 29535

Raleigh, NC 27626-0535

(919) 733-5083, extension 572

In the case of inclement weather on the day the public hearing is scheduled, please contact the above telephone number for a recorded message on any changes to the location, day or time of the hearing.

Fiscal Note: This Rule does not affect the expenditures or

revenues of state or local government funds. This Rule does not have a substantial economic impact of at least five million dollars (\$5,000,000) in a 12-month period.

CHAPTER 2 - ENVIRONMENTAL MANAGEMENT

SUBCHAPTER 2B - SURFACE WATER AND WETLAND STANDARDS

SECTION .0300 - ASSIGNMENT OF STREAM CLASSIFICATIONS

Note: The italicized text appeared in the July 1, 1997 North Carolina Register (12:01).

.0313 ROANOKE RIVER BASIN

(a) ~~Places where the schedules may be inspected:~~ The schedule may be inspected at the following places:

- (1) Clerk of Court:
Bertie County
Caswell County
Forsyth County
Granville County
Guilford County
Halifax County
Martin County
Northampton County
Person County
Rockingham County
Stokes County
Surry County
Vance County
Warren County
Washington County
- (2) North Carolina Department of Environment, Health, and Natural Resources:
 - (A) Raleigh Regional Office
3800 Barrett Drive
Raleigh, North Carolina
 - (B) Washington Regional Office
1424 Carolina Avenue
Washington, North Carolina
 - (C) Winston-Salem Regional Office
8025 North Point Boulevard, Suite 100
Winston-Salem, North ~~Carolina~~ Carolina.

(b) Unnamed Streams. Such streams entering Virginia are classified "C." Except that all backwaters of John H. Kerr Reservoir and the North Carolina portion of streams tributary thereto not otherwise named or described shall carry the classification "B," and all backwaters of Lake Gaston and the North Carolina portion of streams tributary thereto not otherwise named or described shall carry the classification "C and B" ~~B.~~ B.

(c) The Roanoke River Basin Schedule of Classification and Water Quality Standards was amended effective:

- (1) May 18, 1977;
- (2) July 9, 1978;

- (3) July 18, 1979;
- (4) July 13, 1980;
- (5) March 1, 1983;
- (6) August 1, 1985;
- (7) February 1, 1986;
- (8) July 1, 1991;
- (9) August 3, ~~1992~~ 1992;
- (10) August 1, 1998.

(d) The Schedule of Classifications and Water Quality Standards for the Roanoke River Basin was amended effective July 1, 1991 with the reclassification of Hyco Lake (Index No. 22-58) from Class C to Class B.

(e) The Schedule of Classifications and Water Quality Standards for the Roanoke River Basin was amended effective August 3, 1992 with the reclassification of all water supply waters (waters with a primary classification of WS-I, WS-II or WS-III). These waters were reclassified to WS-I, WS-II, WS-III, WS-IV or WS-V as defined in the revised water supply protection rules, (15A NCAC 2B .0100, .0200 and .0300) which became effective on August 3, 1992. In some cases, streams with primary classifications other than WS were reclassified to a WS classification due to their proximity and linkage to water supply waters. In other cases, waters were reclassified from a WS classification to an alternate appropriate primary classification after being identified as downstream of a water supply intake or identified as not being used for water supply purposes.

(f) The Schedule of Classifications and Water Quality Standards for the Roanoke River Basin was amended effective August 1, 1998 with the revision to the primary classification for portions of the Dan River [Index No. 22-(19.5)] and the Mayo River [Index No. 22-30-(1)] from Class WS-IV to Class WS-V.

(g) The schedule of Classifications and Water Quality Standards for the Roanoke River Basin was amended effective August 1, 1998 with the reclassification of Cascade Creek (Camp Creek) [Index No. 22-12] and its tributaries from its source to the backwaters of the swimming lake from Class B to Class B ORW, and the reclassification of Indian Creek [Index No. 22-13] and its tributaries from its source to Window Falls from Class C to Class C ORW.

Authority G.S. 143-214.1; 143-215.1; 143-215.3(a)(1).

Notice is hereby given in accordance with G.S. 150B-21.2 that EHNH - Marine Fisheries Commission intends to amend rules cited as 15A NCAC 3I .0101, .0117; 3J .0103 - .0104, .0202, .0301; 3M .0506, .0513; 3O .0211; and adopt rule cited as 15A NCAC 3J .0208. Notice of Rule-making Proceedings was published in the Register on April 15, 1997.

Proposed Effective Date: August 1, 1998

A Public Hearing will be conducted at 7:00 p.m. on the

following dates and at the following locations:

September 18, 1997 - Duke University Marine Lab Auditorium, Pivers Island, Beaufort

October 2, 1997 - Brunswick Electric, Highway 17, Supply

October 8, 1997 - Chowan County Courthouse, 101 South Broad St., Edenton

October 9, 1997 - NC Aquarium, Airport Road, Manteo

October 16, 1997 - Archdale Building, Ground Floor Hearing Room, 512 North Salisbury St., Raleigh

Reason for Proposed Action:

15A NCAC 3I .0101 - to define fork length and educational institution.

15A NCAC 3I .0117 - to transfer administration of the Fisheries Resource Grant Program from the Division of Marine Fisheries to North Carolina Sea Grant.

15A NCAC 3J .0103 - to specify the minimum mesh size for gill nets.

15A NCAC 3J .0104 - to amend terminology on specific gear requirements to that more commonly used by other agencies and the fishing public.

15A NCAC 3J .0202 - to define shrimp or crab trawling by specifying the percentage of shrimp or crabs required to be in the total catch; to restrict trawling one hour after sunset to one hour before sunrise in the Atlantic Ocean south of Cape Fear.

15A NCAC 3J .0208 - to restrict trawling one hour after sunset to one hour before sunrise in portions of New River.

15A NCAC 3J .0301 - to prohibit use of pots in any turning basin maintained and marked by the NC Ferry Division for navigational purposes.

15A NCAC 3M .0506 - to clarify the possession limit for grouper.

15A NCAC 3M .0513 - to establish proclamation authority for river herring and shad to comply with fishery management plan requirements and to establish a possession limit for shad taken by hook-and-line.

15A NCAC 3O .0211 - to define bottom disturbing fishing gear which is prohibited, unless authorized, on any shellfish lease or franchise.

Comment Procedures: Comments and statements, both written and oral, may be presented at the hearings. Written comments are encouraged and may be submitted to the Marine Fisheries Commission, PO Box 769, Morehead City, NC 28557. These written and oral comments must be received no later than November 1, 1997. Oral presentation lengths may be limited, depending on the number of people that wish to speak at the public hearings.

Fiscal Note: These Rules do not affect the expenditures or revenues of state or local government funds. These Rules do not have a substantial economic impact of at least five million dollars (\$5,000,000) in a 12-month period.

CHAPTER 3 - MARINE FISHERIES

SUBCHAPTER 3I - GENERAL RULES

SECTION .0100 - GENERAL RULES

.0101 DEFINITIONS

(a) All definitions set out in G.S. 113, Subchapter IV apply to this Chapter.

(b) The following additional terms are hereby defined:

- (1) Commercial Fishing Equipment. All fishing equipment used in coastal fishing waters except:
 - (A) Seines less than 12 feet in length;
 - (B) Spears;
 - (C) A dip net having a handle not more than eight feet in length and a hoop or frame to which the net is attached not exceeding 60 inches along the perimeter;
 - (D) Hook-and-line and bait-and-line equipment other than multiple-hook or multiple-bait trotline;
 - (E) A landing net used to assist in taking fish when the initial and primary method of taking is by the use of hook and line; and
 - (F) Cast Nets.
- (2) Fixed or stationary net. A net anchored or staked to the bottom, or some structure attached to the bottom, at both ends of the net.
- (3) Mesh Length. The diagonal distance from the inside of one knot to the outside of the other knot, when the net is stretched hand-tight.
- (4) Possess. Any actual or constructive holding whether under claim of ownership or not.
- (5) Transport. Ship, carry, or cause to be carried or moved by public or private carrier by land, sea, or air.
- (6) Use. Employ, set, operate, or permit to be operated or employed.
- (7) Purse Gill Nets. Any gill net used to encircle fish when the net is closed by the use of a purse line through rings located along the top or bottom line or elsewhere on such net.
- (8) Gill Net. A net set vertically in the water to capture fish by entanglement by the gills in its mesh as a result of net design, construction, mesh size, webbing diameter or method in which it is used.
- (9) Seine. A net set vertically in the water and pulled by hand or power to capture fish by encirclement and confining fish within itself or against another net, the shore or bank as a result of net design, construction, mesh size, webbing diameter, or method in which it is used.
- (10) Internal Coastal Waters or Internal Waters. All coastal fishing waters except the Atlantic Ocean.
- (11) Channel Net. A net used to take shrimp which is anchored or attached to the bottom at both ends or with one end anchored or attached to the bottom and the other end attached to a boat.
- (12) Dredge. A device towed by engine power consisting

of a frame, tooth bar or smooth bar, and catchbag used in the harvest of oysters, clams, crabs, scallops, or conchs.

- (13) Mechanical methods for clamming. Includes, but not limited to, dredges, hydraulic clam dredges, stick rakes and other rakes when towed by engine power, patent tongs, kicking with propellers or deflector plates with or without trawls, and any other method that utilizes mechanical means to harvest clams.
- (14) Mechanical methods for oystering. Includes, but not limited to, dredges, patent tongs, stick rakes and other rakes when towed by engine power and any other method that utilizes mechanical means to harvest oysters.
- (15) Depuration. Purification or the removal of adulteration from live oysters, clams, and mussels by any natural or artificially controlled means.
- (16) Peeler Crab. A blue crab that has a soft shell developing under a hard shell and having a definite pink, white, or red line or rim on the outer edge of the back fin or flipper.
- (17) Length of ~~finfish~~ finfish:
 - (A) Total length is determined ~~Determined~~ by measuring along a straight line the distance from the tip of the snout with the mouth closed to the tip of the compressed caudal (tail) fin.
 - (B) Fork length is determined by measuring along a straight line the distance from the tip of the snout with the mouth closed to the middle of the fork in the caudal (tail) fin.
 - (C) Fork length for billfish is measured from the tip of the lower jaw to the middle of the fork of the caudal (tail) fin.
- (18) Licensee. Any person holding a valid license from the Department to take or deal in marine fisheries resources.
- (19) Aquaculture operation. An operation that produces artificially propagated stocks of marine or estuarine resources or obtains such stocks from authorized sources for the purpose of rearing in a controlled environment. A controlled environment provides and maintains throughout the rearing process one or more of the following: predator protection, food, water circulation, salinity, or temperature controls utilizing proven technology not found in the natural environment.
- (20) Critical habitat areas. The fragile estuarine and marine areas that support juvenile and adult populations of economically important seafood species, as well as forage species important in the food chain. Critical habitats include nursery areas, beds of submerged aquatic vegetation, shellfish producing areas, anadromous fish spawning and anadromous fish nursery areas, in all coastal fishing waters as determined through marine and estuarine survey sampling. Critical habitats are vital for portions, or the entire life cycle, including the early

growth and development of important seafood species.

- (A) Beds of submerged aquatic vegetation are those habitats in public trust and estuarine waters vegetated with one or more species of submerged vegetation such as eelgrass (*Zostera marina*), shoalgrass (*Halodule wrightii*) and widgeongrass (*Ruppia maritima*). These vegetation beds occur in both subtidal and intertidal zones and may occur in isolated patches or cover extensive areas. In either case, the bed is defined by the presence of above-ground leaves or the below-ground rhizomes and propagules together with the sediment on which the plants grow. In defining beds of submerged aquatic vegetation, the Marine Fisheries Commission recognizes the Aquatic Weed Control Act of 1991 (G.S. 113A-220 et. seq.) and does not intend the submerged aquatic vegetation definition and its implementing rules to apply to or conflict with the non-development control activities authorized by that Act.
- (B) Shellfish producing habitats are those areas in which economically important shellfish, such as, but not limited to clams, oysters, scallops, mussels, and whelks, whether historically or currently, reproduce and survive because of such favorable conditions as bottom type, salinity, currents, cover, and cultch. Included are those shellfish producing areas closed to shellfish harvest due to pollution.
- (C) Anadromous fish spawning areas are defined as those areas where evidence of spawning of anadromous fish has been documented by direct observation of spawning, capture of running ripe females, or capture of eggs or early larvae.
- (D) Anadromous fish nursery areas are defined as those areas in the riverine and estuarine systems utilized by post-larval and later juvenile anadromous fish.
- (21) Intertidal Oyster Bed. A formation, regardless of size or shape, formed of shell and live oysters of varying density.
- (22) North Carolina Trip Ticket. Multiple-part form provided by the Department to fish dealers who are required to record and report transactions on such forms.
- (23) Transaction. Act of doing business such that fish are sold, offered for sale, exchanged, bartered, distributed or landed. The point of landing shall be considered a transaction when the fisherman is the fish dealer.
- (24) Live rock. Living marine organisms or an assemblage thereof attached to a hard substrate

including dead coral or rock (excluding mollusk shells). For example, such living marine organisms associated with hard bottoms, banks, reefs, and live rock may include, but are not limited to:

- (A) Animals:
 - (i) Sponges (Phylum Porifera);
 - (ii) Hard and Soft Corals, Sea Anemones (Phylum Cnidaria):
 - (I) Fire corals (Class Hydrozoa);
 - (II) Gorgonians, whip corals, sea pansies, anemones, *Solenastrea* (Class Anthozoa);
 - (iii) Bryozoans (Phylum Bryozoa);
 - (iv) Tube Worms (Phylum Annelida):
 - (I) Fan worms (Sabellidae);
 - (II) Feather duster and Christmas tree worms (Serpulidae);
 - (III) Sand castle worms (Sabellaridae).
 - (v) Mussel banks (Phylum Mollusca:Gastropoda);
 - (vi) Colonial barnacles (Arthropoda: Crustacea: Megabalanus sp.).
- (B) Plants:
 - (i) Coralline algae (Division Rhodophyta);
 - (ii) *Acetabularia* sp., *Udotea* sp., *Halimeda* sp., *Caulerpa* sp. (Division Chlorophyta);
 - (iii) *Sargassum* sp., *Dictyopteris* sp., *Zonaria* sp. (Division Phaeophyta).
- (25) Coral:
 - (A) Fire corals and hydrocorals (Class Hydrozoa);
 - (B) Stony corals and black corals (Class Anthozoa, Subclass Scleractinia);
 - (C) Octocorals; Gorgonian corals (Class Anthozoa, Subclass Octocorallia):
 - (i) Sea fans (*Gorgonia* sp.);
 - (ii) Sea whips (*Leptogorgia* sp. and *Lophogorgia* sp.);
 - (iii) Sea pansies (*Renilla* sp.).
- (26) Shellfish production on leases and franchises:
 - (A) The culture of oysters, clams, scallops, and mussels, on shellfish leases and franchises from a sublegal harvest size to a marketable size.
 - (B) The transplanting (relay) of oysters, clams, scallops and mussels from designated areas closed due to pollution to shellfish leases and franchises in open waters and the natural cleansing of those shellfish.
- (27) Shellfish marketing from leases and franchises. The harvest of oysters, clams, scallops, mussels, from privately held shellfish bottoms and lawful sale of those shellfish to the public at large or to a licensed shellfish dealer.
- (28) Shellfish planting effort on leases and franchises.

The process of obtaining authorized cultch materials, seed shellfish, and polluted shellfish stocks and the placement of those materials on privately held shellfish bottoms for increased shellfish production.

- (29) Pound Net. A fish trap consisting of a holding pen, one or more enclosures, and a lead or leaders. The lead(s), enclosures, and holding pen are not conical, nor are they supported by hoops or frames.
- (30) Educational Institution. A college, university or community college accredited by a regional accrediting institution.

Authority G.S. 113-134; 143B-289.4.

.0117 FISHERY RESOURCE GRANT PROGRAM

(a) Purpose. The purpose of this program is to enhance North Carolina's coastal fishery resources.

(b) Types of projects. Projects shall address one or more of the following areas of research:

- (1) New fisheries fishing equipment or gear - and techniques - particularly those that reduce bycatch and fishing impact on non-target species and size classes.
- (2) Environmental Pilot Studies. Assess fishing industry trends - especially those that identify new opportunities and strategies that can be used to develop and conserve North Carolina fishery resources.
- (3) Aquaculture or mariculture. Environmental studies - particularly those directed toward reducing adverse environmental impacts of fishing techniques, restoring fishery habitat, and understanding environmental controls of fish and shellfish abundance.
- (4) Seafood Technology. Other Fishery Issues that will enhance North Carolina's coastal fisheries.

(c) Eligibility to receive grants. Proposals will be considered from a diversity of sources including, but not limited to fishers, groups of fishers, and fishing companies.

(d) Application for grants:

- (1) Grant proposals shall be typed or printed, and one copy five copies submitted to the North Carolina Sea Grant Program Division of Marine Fisheries at Post Office Box 8605, Raleigh, 769, Morehead City, North Carolina 27695-8605, 28557-0769. Submitted proposals must be postmarked no later than the date selected by Sea Grant, 16, 1995. Proposals received or postmarked later than that date January 16 may not be considered for funding.
- (2) Grant proposals shall contain at least the following information:
 - (A) Name(s), mailing address(es), telephone number(s), signature(s) and social security or federal identification number of the applicant(s).
 - (B) A description of the project, its objectives, and its relationship to current fishery

problems/issues, written in sufficient detail to be realistically evaluated by professional fishery ~~scientists and managers~~, scientists, managers and the fishing industry.

- (C) A detailed statement of the projected costs of the project. Description of participant cost-sharing and explanation/justification of projected costs is encouraged.
- (D) Biographical information documenting experience and expertise of project participants.
- (E) A description of how the project will be carried out, results evaluated, and findings made public.
- (F) An explanation of how the project will enhance North Carolina's coastal fishery resources.
- (G) Any other information that may be needed to enable the Secretary of the Department of Environment, Health, and Natural Resources to make a decision on the application.
- (3) Projects may extend up to two years from the date of award, except for aquaculture projects which may extend for three years. award.
- (4) Once approved, project time periods may be amended, but funding may not be increased.
- (e) Review of proposals:
 - (1) Proposals will be reviewed and applicants notified in writing of acceptance or denial by the North Carolina Sea Grant Program, Division of Marine Fisheries. Incomplete proposals will be returned to the applicant with a written description of deficiencies.
 - (2) Review Procedures: An anonymous peer review will be conducted for all applications. At least one of the peer review persons must be involved in a fishing industry. Applications shall be confidential until after funding decisions are made. Project quality will be assessed on the following criteria: Proposals will be reviewed by fishery professionals who will assign scores as shown below (maximum score = 100 points):
 - (A) Address a priority;
 - (B) Ability to protect or enhance fishery resources;
 - (C) Organization of a plan of work leading to conclusions;
 - (D) Plan to extend findings to the fishing industry;
 - (E) Availability of expertise and its application;
 - (F) Familiarity and experience with the problem addressed;
 - (G) Innovation of approach and/or potential findings;
 - (H) Cost-effectiveness of implementation of results; and
 - (I) Reasonableness of budget for work proposed.
 - (A) ~~Project Quality - the likelihood that the project will produce meaningful results directly~~

applicable to enhancing North Carolina's fishery resources (30 points):

(B) ~~Potential for Public Benefit~~ the likelihood that application of successful project results would be of significant benefit to the citizens of North Carolina (20 points):

(C) ~~Qualifications of Applicants~~ the likelihood that participants can successfully complete the project and effectively disseminate results to the public (20 points):

(D) ~~Innovativeness~~ the likelihood that the project would provide reliable new information that would improve utilization or management of fishery resources (20 points):

(E) ~~Cost Effectiveness~~ the accuracy and appropriateness of project costs and their relationship to expected public benefit of the completed project (10 points):

(3) Projects will be reviewed by members of the Fisheries Resource Grant Steering Committee, the Marine Fisheries Commission, and members of the relevant Marine Fisheries Commission Advisory Committee. ~~Committee, and staff of the Division of Marine Fisheries.~~ Competing large proposals and their reviews may be comparatively assessed by the Marine Fisheries Commission Planning Advisory Committee. Proposals to be granted will be selected by the Marine Fisheries Commission.

(f) Award of grants:

(1) The North Carolina Sea Grant Program Division of Marine Fisheries shall administer the proposal review process and shall submit a list of eligible proposals ranked in order of total review score to the Marine Fisheries Commission.

(2) The North Carolina Marine Fisheries Commission shall make all grant offers on projects including the level of funding on each project.

(3) Funds will be conveyed to grantees through contracts with the North Carolina Sea Grant Program, Department of Environment, Health, and Natural Resources:

(4) Of the total funds granted for each project, up to 25 percent may be paid upon signing of the contract if such payment is requested as part of the grant application.

(5) Of the total funds granted for each project, 25 percent shall be held back and paid only upon acceptance of the final project report by the North Carolina Marine Fisheries Commission.

(6) Other payments to grantees shall be paid upon receipt of expenditure reports or invoices at intervals of not less than three months.

(7) Grants will be awarded as evenly as practicable among the Northern, Pamlico, Central, and Southern coastal areas of North Carolina.

(8) Prior to initiation of work on research projects,

grantees shall secure all necessary state and federal permits and licenses.

(g) Reporting:

(1) Grantees shall submit written progress reports at three-month six-month intervals describing status of their projects, progress toward achieving project objectives, notable occurrences, and any significant problems encountered and steps taken to overcome the problems. ~~Forms for such reports will be available from the Division of Marine Fisheries.~~

(2) As a condition of receiving a Fishery Resources Grant, the applicant shall agree to submit acceptable quarterly semi-annual reports. A technical representative designated by of the North Carolina Sea Grant Program Division of Marine Fisheries shall determine if reports are acceptable. If the representative finds the report unacceptable, the project leader will be notified of deficiencies and must provide an acceptable report within 30 working days. If an acceptable report is not received in the specified time, the applicant shall be required to repay Sea Grant ~~the Division~~ a prorated refund of project costs as shown in Table 1.

Table 1. Prorated refund schedule for non-compliance with report requirements.

Percent of Work Completed and Acceptably Reported	Percent Refund
25	85
50	60
75	35
100	0

An applicant who has been found in noncompliance with reporting rules and who does not agree to provide such reports may request that the Marine Fisheries Commission informally mediate the case. An applicant will have a maximum of 180 days to make repayment to Sea Grant ~~the Division~~ following the final appeals process.

(3) Grantees shall submit a written draft final report within 60 days of the completion of their projects to the North Carolina Sea Grant Program Division of Marine Fisheries for review and comment.

(A) If the North Carolina Sea Grant Program Division of Marine Fisheries finds the draft final report substantially acceptable, Sea Grant ~~the Division~~ shall so notify the Marine Fisheries Commission and grantee(s). The grantee(s) shall make any needed minor corrections and re-submit the final report to Sea Grant ~~the Division~~. The Marine Fisheries Commission will consider Sea Grant's ~~the Division's~~ recommendation for approval and may approve the report and authorize final payment.

(B) If the North Carolina Sea Grant Program Division of Marine Fisheries finds the draft

final report substantially deficient because of lack of adherence to established procedures, insufficient sampling, lack of data to support conclusions, or other reasons pertaining to fulfillment of project requirements, Sea Grant ~~the Division~~ shall notify the Marine Fisheries Commission and grantee(s).

(i) If the Marine Fisheries Commission accepts Sea Grant's ~~the Division's~~ recommendation, it shall notify the grantee(s) in writing of the steps it must take to meet its contractual obligations in order to satisfactorily complete the project and final report and receive final payment.

(ii) If the Marine Fisheries Commission rejects Sea Grant's ~~the Division's~~ recommendation of substantial deficiency, it shall instruct Sea Grant ~~the Division of Marine Fisheries~~ to proceed with final approval as provided in Part (A) of this Subparagraph.

(C) Grantees may be required to give an annual verbal report on their project.

(D) The North Carolina Sea Grant Program ~~Division of Marine Fisheries~~ shall publish an annual report summarizing the status of all projects conducted under this program.

(E) The North Carolina Sea Grant Program ~~Division of Marine Fisheries~~ shall conduct a field review of each project at least annually. Sea Grant ~~The Division~~ may request the assistance of other agencies of the Department of Environment, Health, and Natural Resources and of the consolidated University of North Carolina to conduct field reviews.

(4) Grantees shall submit a final expenditure report or invoice within 60 ~~45~~ days of the end of the contract.

Authority G.S. 113-134; 143B-289.4; 1993 (Regular Session 1994), c. 769, s. 27.17.

SUBCHAPTER 3J - NETS, POTS, DREDGES, AND OTHER FISHING DEVICES

SECTION .0100 - NET RULES, GENERAL

.0103 GILL NETS, SEINES, IDENTIFICATION, RESTRICTIONS

(a) It is unlawful to use a gill net with a mesh length less than 2 1/2 inches.

(b) The Fisheries Director may, by proclamation, limit or prohibit the use of gill nets or seines in coastal waters, or any portion thereof, or impose any or all of the following restrictions on the use of gill nets or seines:

- (1) Specify area.
- (2) Specify season.

(3) Specify gill net mesh length. ~~length except that the mesh length shall not be less than 2 1/2 inches.~~

(4) Specify means/methods.

(5) Specify net number and length.

(c) ~~(b)~~ It is unlawful to use fixed or stationary gill nets in the Atlantic Ocean or any gill nets in internal waters unless such nets are marked by attaching to them at each end two separate yellow buoys which shall be of solid foam or other solid buoyant material no less than five inches in diameter and no less than five inches in length. Gill nets which are not connected together at the top line shall be considered as individual nets, requiring two buoys at the end of each individual net. Gill nets connected together at the top line shall be considered as a continuous net requiring two buoys at each end of the continuous net. Any other marking buoys on gill nets shall be yellow except that one additional identification buoy of any color or any combination of colors may be used at either or both ends. The owner shall always be identified on a buoy on each end either by using engraved buoys or by attaching engraved metal or plastic tags to the buoys. Such identification shall include one of the following:

- (1) Owner's N.C. motor boat registration number, or
- (2) Owner's U.S. vessel documentation name, or
- (3) Owner's last name and initials.

(d) ~~(c)~~ It is unlawful to use gill nets:

- (1) Within 200 yards of any pound net with lead and pound or heart in use;
- (2) From March 1 through October 31 in the Intracoastal Waterway within 150 yards of any railroad or highway bridge.

(e) ~~(d)~~ It is unlawful to use gill nets within 100 feet either side of the center line of the Intracoastal Waterway Channel south of Quick Flasher No. 54 in Alligator River at the southern entrance to the Intracoastal Waterway to the South Carolina line, unless such net is used in accordance with the following conditions:

- (1) No more than two gill nets per boat may be used at any one time;
- (2) Any net used must be attended by the fisherman from a boat who shall at no time be more than 100 yards from either net; and
- (3) Any individual setting such nets shall remove them, when necessary, in sufficient time to permit unrestricted boat navigation.

(f) ~~(e)~~ It is unlawful to use drift gill nets in violation of 15A NCAC 3J .0101(2) and Paragraph (d) of this Rule.

Authority G.S. 113-134; 113-182; 113-221; 143B-289.4.

.0104 TRAWL NETS

(a) It is unlawful to use trawl nets for the taking of finfish in internal waters, except that it shall be permissible to take or possess finfish incidental to crab or shrimp trawling in accordance with the following limitations:

- (1) It is unlawful to possess aboard a vessel while using a trawl in internal waters more than 500 pounds of finfish from December 1 through February 28 and

1,000 pounds of finfish from March 1 through November 30.

- (2) The Fisheries Director may, by proclamation, close any area to trawling for specific time periods in order to secure compliance of this Rule.

(b) It is unlawful to use trawl nets:

- (1) In internal coastal waters, between one hour after sunset Friday and one hour before sunset on Sunday;
- (2) For the taking of oysters;
- (3) In Albemarle Sound and its tributaries;
- (4) In the areas described in 15A NCAC 3R .0106;
- (5) From December 1 through February 28 from one hour after sunset to one hour before sunrise in the following areas:

- (A) In Pungo River north of a line beginning at a point on Wades Point 35° 23' 17" N - 76° 34' 30" W; running 060° (M) to a point on Currituck Point 35° 24' 35" N - 76° 32' 19" W.
- (B) In Pamlico River west of a line beginning at a point on the south shore near Fulford Point 35° 19' 52" N - 76° 35' 56" W; running 026° (M) through Flashing Red Marker "1" to a point on Wades Point 35° 23' 17" N - 76° 34' 30" W.
- (C) In Bay River west of a line beginning at a point on Maw Point 35° 09' 02" N - 76° 32' 10" W; running 021° (M) through Flashing Green Marker "1" to a point on Bay Point 35° 11' 01" N - 76° 31' 35" W.
- (D) In Neuse River west of a line beginning at a point off Cherry Point 34° 56' 17" N - 76° 48' 37" W; running 020° (M) through Flashing Red Marker "9" to a point off Wilkinson Point 34° 57' 58" N - 76° 48' 22" W.
- (E) In New River all waters upstream of the N.C. Highway 172 Bridge.

(c) Minimum mesh sizes for shrimp and crab trawls are presented in 15A NCAC 3L .0103 and .0202.

(d) The Fisheries Director may, with prior consent of the Marine Fisheries Commission, by proclamation, require bycatch reduction finfish-excluder devices or codend modifications in trawl nets to reduce the catch of finfish that do not meet size limits or are unmarketable as individual foodfish by reason of size.

Authority G.S. 113-134; 113-182; 113-221; 143B-289.4.

SECTION .0200 - NET RULES, SPECIFIC AREAS

.0202 ATLANTIC OCEAN

In the Atlantic Ocean:

- (1) It is unlawful to use nets from June 15 through August 15 in the waters of Masonboro Inlet or in the ocean within 300 yards of the beach between

Masonboro Inlet and a line running 138° through the water tank on the northern end of Wrightsville Beach, a distance parallel with the beach of 4,400 yards.

- (2) It is unlawful to use trawls within one-half mile of the beach between the Virginia line and Oregon Inlet.
- (3) It is unlawful to use a trawl with a mesh length less than four inches in the main body, three inches in the extension, and one and three-fourths inches in the cod end or tail bag inshore of a line beginning at a point 34° 41' 18" N - 76° 40' 08" W on the western side of Beaufort Inlet Channel (the present location of buoy "11" QK F1); thence westward parallel to and one-half mile from the ocean back to a point 34° 40' 32" N - 76° 53' 45" W off Salter Path.
- (4) It is unlawful to use trawl nets, including flynets, southwest of the 9960-Y chain 40250 LORAN C line (running offshore in a southeasterly direction) from Cape Hatteras to the North Carolina/South Carolina line except:
 - (a) Shrimp trawls as defined in 15A NCAC 3L .0103;
 - (b) Crab trawls as defined in 15A NCAC 3L .0202; or
 - (c) Flounder trawls as defined in 15A NCAC 3M .0503.

Finfish may be retained incidental to lawful shrimp or crab trawl operations provided the weight of the finfish shall not exceed 50 percent of the total weight of the combined shrimp or crab and finfish catch.

- (5) It is unlawful to use unattended gill nets or block or stop nets in the Atlantic Ocean within 300 yards of the beach from Beaufort Inlet to the South Carolina line from sunset Friday to sunrise Monday from Memorial Day through Labor Day.
- (6) It is unlawful to use gill nets in the Atlantic Ocean with a mesh length greater than seven inches from April 15 through December 15.
- (7) It is unlawful to use shrimp trawls in all waters west of a line beginning at the southeastern tip of Baldhead Island 33° 50' 29" N - 77° 57' 28" W running 173° (M) to a point in the Atlantic Ocean 33° 46' 16" N - 77° 56' 24" W from one hour after sunset to one hour before sunrise.

Authority G.S. 113-134; 113-182; 143B-289.4.

.0208 NEW RIVER

It is unlawful to use trawl nets upstream of the Highway 172 Bridge in New River from one hour after sunset to one hour before sunrise when opened by proclamation from August 15 through November 30.

Authority G.S. 113-134; 113-182; 143B-289.4.

SECTION .0300 - POTS, DREDGES, AND OTHER

FISHING DEVICES

.0301 CRAB, EEL, FISH AND SHRIMP POTS

(a) It is unlawful to use pots except during time periods and in areas specified herein:

- (1) From November 1 through April 30, except that all pots, except fish pots upstream of U.S. 17 Bridge across Chowan River and upstream of a line across the mouth of Roanoke, Cashie, Middle and Eastmost Rivers to the Highway 258 Bridge, shall be removed from internal waters from January 24 through February 7. The Fisheries Director may, by proclamation, reopen various waters to the use of pots after January 28 if it is determined that such waters are free of pots.

- (2) From May 1 through October 31, north and east of the Highway 58 Bridge at Emerald Isle:

- (A) In areas described in 15A NCAC 3R .0107(a);
- (B) To allow for the variable spatial distribution of crustacea and finfish, the Fisheries Director may, by proclamation, specify time periods for or designate the areas described in 15A NCAC 3R .0107(b); or any part thereof, for the use of pots.

- (3) From May 1 through October 31 in the Atlantic Ocean and west and south of the Highway 58 Bridge at Emerald Isle in areas and during time periods designated by the Fisheries Director by proclamation.

(b) It is unlawful to use ~~pots~~ pots:

- (1) in any navigation channel maintained and marked by State or Federal ~~agencies~~; or ~~agencies~~;
- (2) in any turning basin maintained and marked by the North Carolina Ferry Division.

(c) It is unlawful to use pots unless each pot is marked by attaching a floating buoy which shall be of solid foam or other solid buoyant material and no less than five inches in diameter and no less than five inches in length. Buoys may be of any color except yellow. The owner shall always be identified on the attached buoy by using engraved buoys or by engraved metal or plastic tags attached to the buoy. Such identification shall include one of the following:

- (1) owner's N.C. motorboat registration number; or
- (2) owner's U.S. vessel documentation name; or
- (3) owner's last name and initials.

(d) Pots attached to shore or a pier shall be exempt from Sub-paragraphs (a)(2), (a)(3), and (c) of this Rule.

(e) It is unlawful to use shrimp pots with mesh lengths smaller than one and one-fourth inches stretch or five-eighths inch bar.

(f) It is unlawful to use eel pots with mesh sizes smaller than one inch by one-half inch unless such pots contain an escape panel that is at least four inches square with a mesh size of 1" x 1/2" located in the outside panel of the upper chamber of rectangular pots and in the rear portion of cylindrical pots, except that not more than two eel pots per fishing operation with a mesh of any size may be used to take eels for bait.

(g) It is unlawful to use crab pots in coastal waters unless

each pot contains no less than two unobstructed escape rings that are at least 2 5/16 inches inside diameter and located in the opposite outside panels of the upper chamber of the pot. Peeler pots with a mesh size less than 1 1/2 inches shall be exempt from the escape ring requirement. The Fisheries Director may, by proclamation, exempt the escape ring requirement in order to allow the harvest of peeler crabs or mature female crabs and may impose any or all of the following restrictions:

- (1) Specify areas, and
- (2) Specify time.

(h) It is unlawful to use more than 150 pots per vessel in Newport River.

(i) It is unlawful to remove crab pots from the water or remove crabs from crab pots between one hour after sunset and one hour before sunrise.

Authority G.S. 113-134; 113-182; 113-221; 143B-289.4.

SUBCHAPTER 3M - FINFISH

SECTION .0500 - OTHER FINFISH

.0506 SNAPPER-GROUPER

(a) The Fisheries Director may, by proclamation, impose any or all of the following restrictions in the fishery for species of the snapper-grouper complex listed in the South Atlantic Fishery Management Council Fishery Management Plan for the Snapper-Grouper Fishery of the South Atlantic Region and for sea bass north of Cape Hatteras in order to comply with or utilize conservation equivalency to comply with the management requirements incorporated in the Fishery Management Plan for Sea Bass developed cooperatively by the Mid-Atlantic Fishery Management Council and the Atlantic States Marine Fisheries Commission:

- (1) Specify size;
- (2) Specify seasons;
- (3) Specify areas;
- (4) Specify quantity;
- (5) Specify means/methods; and
- (6) Require submission of statistical and biological data.

The species of the snapper-grouper complex listed in the South Atlantic Fishery Management Council Fishery Management Plan for the Snapper-Grouper Fishery of the South Atlantic Region is hereby incorporated by reference and copies are available at the Division of Marine Fisheries, P.O. Box 769, Morehead City, North Carolina 28557 at no cost.

(b) It is unlawful to possess black sea bass less than eight inches total length taken south of Cape Hatteras (35° 15' N, Latitude).

(c) It is unlawful to possess gag grouper (gray grouper) less than 20 inches total length.

(d) It is unlawful to possess black grouper less than 20 inches total length.

(e) It is unlawful to possess red snapper less than 20 inches total length.

(f) It is unlawful to possess red grouper less than 20 inches total length.

- (g) It is unlawful to possess yellowfin grouper (fireback grouper) less than 20 inches total length.
- (h) It is unlawful to possess scamp less than 20 inches total length.
- (i) It is unlawful to possess yellowmouth grouper less than 20 inches total length.
- (j) Greater amberjack:
 - (1) It is unlawful to possess greater amberjack less than 36 inches fork length except that persons fishing under the bag limit established in Subparagraph (2) of this Paragraph may possess a minimum 28 inch amberjack.
 - (2) It is unlawful to possess more than three greater amberjack per person per day.
- (k) Vermilion Snapper:
 - (1) It is unlawful to possess vermilion snapper (beeliner) less than 12 inches total length except that persons fishing under the bag limit established in Subparagraph (2) of this Paragraph may possess 10 inch vermilion snapper.
 - (2) It is unlawful to possess more than 10 vermilion snapper per person per day taken for non-commercial purposes.
- (l) It is unlawful to possess silk snapper (yelloweye snapper) less than 12 inches total length.
- (m) It is unlawful to possess blackfin snapper (hambone snapper) less than 12 inches total length.
- (n) It is unlawful to possess red porgy (pink or silver snapper) less than 12 inches total length.
- (o) Speckled hind (Kitty Mitchell) and Warsaw grouper:
 - (1) It is unlawful to sell or offer for sale speckled hind or Warsaw grouper.
 - (2) It is unlawful to possess more than one speckled hind or one Warsaw grouper per vessel per trip.
- (p) Combined Bag Limit for Snapper. It is unlawful to possess more than 10 vermilion snappers and 10 other species of ~~snappers~~, snappers per person, of which no more than two may be red snapper, taken in any one day unless fishing aboard a vessel holding a federal vessel permit for snapper-grouper authorizing the bag limit to be exceeded.
- (q) Combined Bag Limit for Grouper:
 - (1) It is unlawful to possess more than five grouper per person taken in any one day unless fishing aboard a vessel holding a federal vessel permit for snapper-grouper authorizing the bag limit to be exceeded.
 - (2) Vessels holding a federal permit authorizing the bag limit to be exceeded may not possess more than one speckled hind or one Warsaw ~~grouper~~, grouper per person.
- (r) It is unlawful to possess Nassau grouper or jewfish.
- (s) Fish Traps/Pots:
 - (1) It is unlawful to use or have on board a vessel fish traps for taking snappers and groupers except sea bass pots as allowed in Subparagraph (2) of this Paragraph.
 - (2) Sea bass may be taken with pots that conform with

the federal rule requirements for mesh sizes and pot size as specified in 50 CFR Part 646.2 and openings and degradable fasteners specified in 50 CFR Part 646-22(c)(2)(i) and rules published in 50 CFR pertaining to sea bass north of Cape Hatteras (35° 15' N Latitude).

Authority G.S. 113-134; 113-182; 113-221; 143B-289.4.

.0513 RIVER HERRING AND SHAD

(a) Until the adoption of a fishery management plan for river herring (Blueback Herring, Alewife) and shad (American Shad, Hickory Shad) by the Atlantic States Marine Fisheries Commission or the North Carolina Marine Fisheries Commission, it is unlawful to take blueback herring, alewife, American shad and hickory shad by any method from April 15 through January 1.

(b) Upon adoption of and in order to comply with the management requirements incorporated in the Fishery Management Plan(s) for River Herring (Blueback Herring, Alewife) or Shad (American Shad, Hickory Shad) developed by the Atlantic States Marine Fisheries Commission or the North Carolina Marine Fisheries Commission, the Fisheries Director may, by proclamation, take any or all of the following actions in the blueback herring, alewife, American shad and hickory shad fisheries:

- (1) Specify size;
- (2) Specify season;
- (3) Specify area;
- (4) Specify quantity;
- (5) Specify means/methods; and
- (6) Require submission of statistical and biological data.

(c) It is unlawful to possess more than 10 American shad or hickory shad, in the aggregate, per person per day taken by hook-and-line.

Authority G.S. 113-134; 113-182; 113-221; 143B-289.4.

SUBCHAPTER 30 - LICENSES, LEASES, AND FRANCHISES

SECTION .0200 - LEASES AND FRANCHISES

.0211 PROTECTION OF PRIVATE SHELLFISH INTEREST

It is unlawful to use any trawl net, long haul seine, swipe net, dredge, or mechanical method for clams or oysters bottom disturbing fishing gear on any shellfish lease or franchise unless it has been duly authorized by the Fisheries Director.

Authority G.S. 113-134; 113-182; 113-201.

TITLE 21 - OCCUPATIONAL LICENSING
BOARDS

CHAPTER 64 - BOARD OF EXAMINERS
OF SPEECH AND LANGUAGE
PATHOLOGISTS AND AUDIOLOGISTS

Notice is hereby given in accordance with G.S. 150B-21.2 that the North Carolina Board of Examiners for Speech Pathologists and Audiologists intends to adopt rules cited as 21 NCAC 64 .0209, .1001 - .1005. Notice of Rule-making Proceedings was published in the Register on March 3, 1997.

Proposed Effective Date: July 1, 1998

A Public Hearing will be conducted at 1:00 p.m. on September 19, 1997 at the Greensboro/High Point Marriott Hotel, Piedmont Triad International Airport, 1 Marriott Drive, Greensboro, NC 27409.

Reason for Proposed Action: To adopt rules mandated by G.S. 90-298.1 as to registered assistants and to provide for the maintenance of adequate treatment records.

Comment Procedures: Written comments concerning this rule-making action must be submitted by November 3, 1997 to the North Carolina Board of Examiners for Speech and Language Pathologists and Audiologists at P.O. Box 16885, Greensboro, NC 27416-0885.

Fiscal Note: These Rules do not affect the expenditures or revenues of state or local government funds. These Rules do not have a substantial economic impact of at least five million dollars (\$5,000,000) in a 12-month period.

SECTION .0200 - INTERPRETATIVE RULES

.0209 ADEQUACY OF RECORDS

(a) The definition of "adequate records of professional services" required to be maintained by Rule .0303(4) shall include:

- (1) The full name of the patient;
- (2) The nature of the service provided;
- (3) The date services were provided;
- (4) The identification of the person providing the service;
- (5) The identification of the person preparing or signing the record if not by the person providing the service.

(b) Corrections shall be made by drawing a single line through the error without obliterating the error and shall be initialed by the person making the correction.

(c) Records of professional services rendered shall be maintained for a minimum period of three years.

Authority G.S. 90-304(a)(3).

SECTION .1000-REQUIREMENTS FOR

THE USE OF SPEECH-LANGUAGE
PATHOLOGY ASSISTANTS IN DIRECT
SERVICE DELIVERY IN NORTH CAROLINA

.1001 DEFINITIONS

(a) Board: the North Carolina Board of Examiners for Speech and Language Pathologists and Audiologists.

(b) Licensee: an individual who holds a current permanent license in speech-language pathology from the North Carolina Board of Examiners for Speech and Language Pathologists and Audiologists.

(1) Primary Supervising Licensee: the Licensee who supervises the majority of the Assistant's work, who is responsible for the Assistant's registration with the Board, and who bears the responsibility for all supervision requirements and of notifying the Board of any changes in registration information.

(2) Secondary Supervising Licensee: a Licensee who may supervise the Assistant in the absence of the Primary Supervising Licensee to cover variations in work hours.

(c) Assistant: a Speech-Language Pathology Assistant who is registered by a Primary Supervising Licensee with the Board.

(d) Treatment Protocol: a written session plan clearly describing specific procedures for all treatment tasks, including:

- (1) the eliciting conditions,
- (2) the target behavior(s), and
- (3) the consequences of target behaviors

(e) Registration: the process through which an Assistant is approved by the Board to work with a Licensee to provide services to the public.

Authority G.S. 90-298.1; 90-304(a)(3).

.1002 GENERAL REQUIREMENTS

(a) For registration, Assistants must present:

- (1) evidence of successful completion of an Associate's Degree in Speech-Language Pathology Assisting from an accredited institution of higher learning, community college, or equivalent program; or
- (2) evidence of successful completion of a Bachelor's Degree from an accredited institution as well as evidence of successful completion of the following Speech-Language Assisting curriculum courses developed by the N. C. Department of Community Colleges:

Introduction to Speech-Language Pathology (SLP III or equivalent).

SLP Office Procedures (SLP 120 or equivalent).

Disorders and Treatment I (SLP 211 or equivalent).

Disorders and Treatment II (SLP 212 or equivalent).

Assistive Technology (SLP 220 or equivalent).

SLP Field Work (SLP 230 or equivalent).

SLP Field Work Seminar (SLP 231 or

equivalent).

(3) a passing score on a competency test approved by the Board.

(b) Authority to approve the curriculum or the equivalent courses for speech-language pathology assistants is vested in the Board of Examiners.

(c) A Licensee, who is employed full-time (30 hours/week or more), may register to be primary supervisor of no more than two Assistants at any one time. A Licensee who is employed part-time (less than 30 hours/week) may register to supervise no more than one Assistant at any one time. The Primary Supervising Licensee shall be responsible for assuring compliance with the registration process, these rules, and with ethical standards. Secondary Supervising Licensees may also be registered to supervise the Assistant, allowing for flexibility in scheduling.

(d) The Primary Supervising Licensee must keep the Board apprised of any changes in registration information.

(1) Changes of supervising licensee(s) will require prior written approval of the Board and should be requested in writing at least 10 days prior to the effective date.

(2) Changes that do not directly relate to patient care, such as change of address, must be reported to the Board in writing within 10 business days of the effective change.

(e) The Primary Supervising Licensee shall remit to the Board an annual registration fee for the Assistant in an amount established by the Board.

Authority G.S. 90-298.1; 90-304(a)(3).

.1003 LICENSEE REQUIREMENTS

(a) Licensees who register an Assistant must have held a current, permanent license in North Carolina for two years or equivalent qualifications from another state. Temporary license holders may not register Assistants.

(b) Licensees who register an Assistant must demonstrate understanding of the basic elements of the registration and supervision process (scope of practice, ethics, written protocols, record keeping), and satisfactorily complete a knowledge demonstration on the registration/supervision process.

(c) Licensees must submit the application and annual fee for registration of the Assistant to the Board.

(d) Licensees must assure that patients are informed when services are being provided by an Assistant.

(1) The Assistant must wear a badge that includes the job title: "Speech Pathology Assistant".

(2) When services are to be rendered by an Assistant, the patient or family must be informed in writing. This notification form must be kept on file in the patient's chart, indicating the patient's name and date notified.

(e) Tasks that are within the scope of responsibilities for an Assistant are listed in Rules .1004, and .1005 of this Section.

The standards for all patient services provided by the Assistant are the full responsibility of the Supervising Licensee and cannot be delegated. Therefore, the assignment of tasks and the amount and type of supervision must be determined by the Supervising Licensee to ensure quality of care, considering the skills of the Assistant, needs of the patient, the service-setting, the tasks assigned, and other relevant factors.

(1) Before assigning a treatment task to an Assistant, the Licensee must have first evaluated the patient, written a general treatment plan, and provided the Assistant with a written session protocol specifying the eliciting conditions (A), the target behavior (B), and the contingent response (C) for patient behaviors.

(2) The Supervising Licensee must document the Assistant's reliable and effective application of the treatment protocol with each patient. Each time a new protocol is introduced, the Supervising Licensee must assure and document that the Assistant is utilizing all three protocol elements (A, B, C) effectively.

(3) For every patient encounter (screening or treatment) in which an Assistant provides service, there must be clearly legible signatures of the Assistant and one Supervising Licensee.

(4) These signed and dated patient encounter records must be retained as part of the patient's file for the time period specified in Rule .0209 of this Chapter and may be requested by the Board.

(5) The Board may do random audits of records to determine compliance with its rules.

(6) When patient services are being rendered by an Assistant, the Supervising Licensee must be accessible to the Assistant in order to assure that direct observation and supervision can occur when necessary.

(f) The Primary Supervising Licensee will assess the Assistant's competencies during the initial 60 days of employment using a competency checklist approved by the Board. The completed checklist will be submitted to the Board within 90 days of registration. A new competency checklist must be completed and filed within 90 days each time the Primary Supervising Licensee changes.

(g) Any attempt to engage in those activities and responsibilities reserved solely for the Supervising Licensee will be regarded as the unlicensed practice of speech-language pathology and, as such, is subject to the jurisdiction of the Board of Examiners.

Authority G.S. 90-298.1; 90-304(a)(3).

.1004 AUTHORIZED TASKS OF SPEECH-LANGUAGE PATHOLOGY ASSISTANTS

(a) Direct Patient Services:

(1) Obtaining case histories from patients and/or families and completing observation checklists.

- (2) Administering speech-language screening protocols, as directed by the supervising speech-language pathologist. These screening procedures, including tests and checklists or parts of tests and checklists, will have the purpose of determining the need for further (diagnostic) testing by the supervising speech-language pathologist and must meet the following criteria:
 - (A) Have unambiguous administration protocols and methods.
 - (B) Consist of test items which require no more than a binary judgment (i.e., yes-no, present-absent).
 - (C) Require no more than a specifically-elicited single response.
 - (D) Require no clinical interpretation by the assistant.
- (3) Administering therapeutic protocols, provided that all of the following criteria are met:
 - (A) Supervision provided by the supervising speech-language pathologist(s) according to the supervision standards of the rules.
 - (B) Utilizing appropriate stimuli according to a specified protocol determined by the supervising speech-language pathologist(s).
 - (C) Recording specific target behaviors.
 - (D) Reinforcing the patient's responses appropriately following a specified protocol
 - (E) Providing appropriate cues following a specified protocol when the patient does not produce a correct response.
 - (F) Summarizing observations of the patient's performance for the supervising speech-language pathologist(s).
- (4) Tabulating/scoring screening results, target behaviors, and performance data.
- (5) Managing the behavior of patients using behavioral management techniques, as directed by the supervising speech-language pathologist, to establish and maintain appropriate social interaction and motivation/attention to task.
- (6) Preparing or positioning patients for evaluation or treatment following specific guidelines of the supervising speech-language pathologist and of the facility.
- (7) Communicating with patients, families, and professionals in order to respond appropriately and effectively to patient/family emotional needs and to alert the speech-language pathologist of any problems which may affect treatment outcomes or service quality.
- (8) Documenting written/verbal communication with patients, parents, families and educational or medical personnel on the above or related management issues, as directed by the supervising speech-language pathologist.
- (9) Direct patient services for evaluation are not within the approved scope of responsibilities for assistants.
- (10) Demonstration projects will be authorized by the Board to develop safe and effective swallowing protocols for speech-language pathology assistants.
 - (b) Indirect Patient Services:
 - (1) Organizing and managing patient data and patient records, including the following examples:
 - (A) Documenting historical information in sequence (e.g., chronologically).
 - (B) Listing missing information.
 - (C) Confirming, obtaining, and documenting orders/permissions.
 - (D) Obtaining patient records from external agencies.
 - (E) Recording patient information from medical or educational records.
 - (F) Compiling session-to-session data and compiling/comparing outcome data.
 - (G) Tallying scores on standardized and criterion-referenced tests which require no clinical interpretation by the assistant.
 - (H) Calculating/determining percentages, frequencies, averages, percentiles, standard scores, etc. from raw data or reference manuals.
 - (I) Graphing performance data.
 - (J) Providing a clear, legible record of patient/client performance.
 - (K) Administering and profiling patient satisfaction measurements.
 - (L) Assigning/verifying communication disorder and procedure codes.
 - (M) Scheduling/confirming patient appointments.
 - (N) Recording treatment and procedure times.
 - (2) Transporting or escorting patients to/from the testing or therapy area.
 - (3) Arranging the clinical or treatment setting to maintain a safe and positive environment by providing appropriate seating, providing age-appropriate and culturally appropriate material or toys, and adjusting light and temperature.
 - (A) Creating materials and/or games to be used during therapy.
 - (B) Assisting patients/families to obtain and organize materials needed for treatment programs.
 - (4) Managing, operating, programming, and/or monitoring clinical equipment and materials, including the following:
 - Assistive listening devices
 - Augmentative communication devices
 - Voice equipment
 - Audio recording equipment
 - Other audiovisual equipment
 - Computer-based equipment and software
 - (A) Setting up equipment and materials for feeding and swallowing sessions.

- (B) Setting up other clinical equipment or materials for tasks.
- (C) Verifying safety status of equipment.
- (D) Maintaining equipment records.
- (5) Cleaning equipment, reusable materials, and treatment/work areas using appropriate infection control procedures.
- (6) Adhering to the principles of universal precautions when providing services to patients/clients.
- (c) Requirements For Providing Services Ethically and Responsibly:
 - (1) Maintaining patient confidentiality and security of patient records.
 - (2) Respecting the rights and dignity of all individuals.
 - (3) Reporting any workplace conduct which appears to be unethical or illegal to the supervising speech-language pathologist and/or to the Board of Examiners.
 - (4) Requesting assistance from the supervising speech-language pathologist, as needed, in order to ensure continuous service quality.
 - (5) Observing universal precautions and safety procedures.
 - (6) Releasing patients only to the care of appropriate caregivers.
- (d) Participating in Research Activities:
 - (1) Categorizing task-related materials.
 - (2) Obtaining parent/patient permission forms.
 - (3) Conducting computer and literature searches.
 - (4) Encoding and analyzing data.
 - (5) Establishing reliability.
 - (6) Filing research information.
- (e) Administrative and Clerical Tasks:
 - (1) Operating office equipment such as word processors, copying machines, laminating machines, fax machines, telephone and voice mail, e-mail, etc.
 - (2) Copying and sending reports, as appropriate.
 - (3) Documenting telephone calls and meetings.

- (4) Operating and using scheduling, reporting, test scoring software, etc.
- (5) Ordering and maintaining supplies and materials.
- (6) Organizing and filing patient handouts and educational material.
- (7) Verifying insurance coverage, filing insurance claims, and following up on denied claims.

Authority G.S. 90-298.1; 90-304(a)(3).

.1005 SUPERVISION AND CONTINUING COMPETENCE REQUIREMENTS

- (a) Discussing job expectations with the supervising speech-language pathologist(s) and having mutual understanding of job scope and specific responsibilities.
- (b) Participating in a specified amount of supervised training according to a written plan for all tests and clinical equipment which will be used for assessment and treatment.
- (c) Participating in a specified amount of supervised training according to a written plan in order to ensure correct use of treatment procedures and to demonstrate competent application of new treatment protocols (for example, whenever the stimulus, the target behavior, or the consequence(s) is changed).
- (d) Receiving regular, formal employment evaluations on a scheduled basis from the supervising speech-language pathologist(s) to assess one's performance, strengths, and weaknesses and to establish development goals for continuous performance improvement.
- (e) Requesting assistance, additional instruction, and/or additional supervision from the supervising speech-language pathologist, when needed.
- (f) Participating in various types of educational activities in order to enhance skill and knowledge, as assigned by the supervising speech-language pathologist.
- (g) Reading information assigned by the supervising speech-language pathologist.

Authority G.S. 90-298.1; 90-304(a)(3).

The Codifier of Rules has entered the following temporary rule(s) in the North Carolina Administrative Code. Pursuant to G.S. 150B-21.1(e), publication of a temporary rule in the North Carolina Register serves as a notice of rule-making proceedings unless this notice has been previously published by the agency.

**TITLE 15A - DEPARTMENT OF ENVIRONMENT,
HEALTH, AND NATURAL RESOURCES**

SUBCHAPTER 3M - FINFISH

SECTION .0500 - OTHER FINFISH

Rule-making Agency: *Marine Fisheries Commission*

Rule Citation: *15A NCAC 3M .0503*

Effective Date: *August 18, 1997*

Findings Reviewed and approved by: *Beecher Gray*

Authority for the rule-making: *G.S. 113-134; 113-182; 113-221; 143B-289.4*

A Public Hearing will be conducted at 7:00 p.m. on the following dates and at the following locations:

September 18, 1997 - Duke University Marine Lab Auditorium, Pivers Island, Beaufort

October 2, 1997 - Brunswick Electric, Highway 17, Supply

October 8, 1997 - Chowan County Courthouse, 101 South Broad St., Edenton

October 9, 1997 - NC Aquarium, Airport Road, Manteo

October 16, 1997 - Archdale Building, Ground Floor Hearing Room, 512 North Salisbury St., Raleigh

Reason for Proposed Action: *Amendment #2 to the Fishery Management Plan for the Summer Flounder Fishery contains a provision which allows for annual adjustments of several requirements in the plan with the intent of meeting established conservation goals. Included in these adjustments are changes in size limits, bag limits, seasons, mesh sizes, and quotas. The joint Atlantic States Marine Fisheries Commission Summer Flounder Board - Mid-Atlantic Fisheries Management Council Demersal Committee, during its September 17 - 19, 1996, meeting, amended the minimum size limits for the summer flounder fishery. These changes became an Atlantic States Marine Fisheries Commission compliance requirement effective March 1, 1997. Compliance with requirements of Fisheries Management Plans are required by the Atlantic Coastal Fishery Cooperative Management Act.*

Comment Procedures: *Comments and statements, both written and oral, may be presented at the hearings. Written comments are encouraged and may be submitted to the Marine Fisheries Commission, PO Box 769, Morehead City, NC 28557. These written and oral comments must be received no later than November 1, 1997. Oral presentation lengths may be limited, depending on the number of people that wish to speak at the public hearings.*

CHAPTER 3 - MARINE FISHERIES

.0503 FLOUNDER

(a) It is unlawful to possess ~~flounder~~ flounder:

- (1) Less than 13 inches in length taken from internal waters;
- (2) Less than 14 inches in length taken from the Atlantic Ocean with commercial fishing equipment or by hook-and-line or gig if claiming the exemption specified in Paragraph (f) of this Rule;
- (3) Less than 14½ inches in length taken from the Atlantic Ocean by hook-and-line or gig.

(b) Between October 1 and April 30, it shall be unlawful to use a trawl in the Atlantic Ocean within three miles of the ocean beach from the North Carolina/Virginia state line (35° 33' N) to Cape Lookout (34° 36' N) unless each trawl has a cod end (tailbag) mesh length greater than 5 ½ inches diamond mesh (stretched) or 6 inches square mesh (stretched) applied throughout the cod end for at least 75 continuous meshes forward of the terminus (end) of the net, or the terminal one-third portion of a net, measured from the terminus of the cod end to the head rope for cod ends with less than 75 meshes, except as provided in Paragraphs (h) and (i) ~~and (j)~~ of this Rule.

(c) License to Land Flounder from the Atlantic Ocean:

- (1) It is unlawful to land more than 100 pounds per trip of flounder taken from the Atlantic Ocean unless the vessel has been issued a License to Land Flounder from the Atlantic Ocean.
- (2) It is unlawful for a fish dealer to purchase or offload more than 100 pounds of flounder taken from the Atlantic Ocean by a vessel that has not first procured a valid North Carolina License to Land Flounder from the Atlantic Ocean.
- (3) To qualify for a North Carolina License to Land Flounder from the Atlantic Ocean, a vessel shall have:
 - (A) been licensed under G.S. 113-152 or 113-153 during any two of the 1992-93, 1993-94, or 1994-95 license years, and
 - (B) landed in North Carolina at least 1,000 pounds of flounder each year from the Atlantic Ocean during any two of the 1992-93, 1993-94, or 1994-95 license years for which the vessel was licensed to land in North Carolina.
- (4) At least 10 days prior to issuance, applicants for the license shall complete an application form provided by the Division of Marine Fisheries and submit it to the North Carolina Division of Marine Fisheries, Post Office Box 769, 3441 Arendell Street,

Morehead City, North Carolina 28557. The following information is required:

- (A) Valid documentation papers or current motor boat registration or copy thereof;
- (B) Proof of required licenses and flounder landings data for that vessel during the years the vessel was licensed.

Licenses shall be issued to qualifying vessels at no fee and only from the Morehead City Office of the Division of Marine Fisheries.

(5) Licenses may only be transferred:

- (A) with the transfer of the ownership of a vessel holding a License to Land Flounder from the Atlantic Ocean to the new owner of that vessel, or
- (B) by the owner of a vessel to another vessel under the same ownership. The vessel owner is only eligible for the same number of Licenses to Land Flounder from the Atlantic Ocean for which his boats qualify,
- (C) any transfer of license under this Paragraph must be facilitated through the Division of Marine Fisheries Morehead City Office only.

(6) It is unlawful for any individual to land flounder from the Atlantic Ocean without having ready at hand for inspection a valid License to Land Flounder from the Atlantic Ocean, except as specified in Subparagraph (c)(1) of this Rule.

(7) Suspension or Revocation:

- (A) A License to Land Flounder from the Atlantic Ocean issued under this Rule shall be subject to suspension or revocation pursuant to the provisions of 15A NCAC 3P, except that this license shall be subject to revocation pursuant to the provisions of G.S. 113-166 when the licensee is convicted of a criminal offense within the jurisdiction of the Department under the provisions of Subchapter IV of G.S. 113, or of the rules of the Marine Fisheries Commission adopted under the authority of that Subchapter.
- (B) The Division may commence proceedings under 15A NCAC 3P, for suspension or revocation of a License to Land Flounder from the Atlantic Ocean if it finds:
 - (i) the license was obtained by providing any false information or willfully omitting required information when the information is material to the securing of the license; or
 - (ii) the license was falsified, fraudulently altered, or counterfeited; or
 - (iii) the licensee practices any fraud or deception designed to evade the provisions of this Rule or reasonable administrative directives made under

the authority of this Rule or G.S. 113-182(b)(3).

(d) It is unlawful to transfer flounder taken from the Atlantic Ocean from one vessel to another.

~~(e) It is unlawful to possess flounder less than 14 inches total length taken by hook-and-line or gig from the Atlantic Ocean.~~

~~(e) (f)~~ It is unlawful to possess more than 10 8 flounder per person per day taken by hook-and-line or gig from the Atlantic Ocean.

~~(f) (g)~~ Persons with a vessel endorsement to sell or a nonvessel endorsement to sell are exempt from the possession limit in Paragraphs ~~(a)(3) and (e) and (f)~~ of this Rule.

~~(g) (h)~~ Tailbag liners of any mesh size, the multiple use of two or more cod ends, or other netting material that in any way could restrict the legal size mesh required by this Rule, shall not be used or possessed on the deck of a vessel in the Atlantic Ocean between October 1 and April 30 from the North Carolina/Virginia state line (36° 33' N) to Cape Lookout (34° 36' N).

~~(h) (i)~~ Trawls with a cod end mesh size smaller than described in Paragraph (b) of this Rule may be used or possessed on the deck of a vessel provided not more than 100 pounds of flounder per trip from May 1 through October 31 or more than 200 pounds from November 1 through April 30 is possessed aboard or landed from that vessel.

~~(i) (j)~~ Flynets are exempt from the flounder trawl mesh requirements if they meet the following definition:

- (1) The net has large mesh in the wings that measure 8 inches to 64 inches;
- (2) The first body section (belly) of the net has 35 or more meshes that are at least 8 inches; and
- (3) The mesh decreases in size throughout the body of the net to as small as 2 inches or smaller towards the terminus of the net.

~~(j) (k)~~ Season.

(1) The North Carolina season for landing ocean-caught flounder shall open January 1 each year. If 70 percent of the quota allocated to North Carolina in accordance with the joint Mid-Atlantic Fisheries Management Council-Atlantic States Marine Fisheries Commission Fishery Management Plan for Summer Flounder is projected to be taken, the Fisheries Director shall, by proclamation, close North Carolina ports to landing of flounder taken from the ocean.

(2) The season for landing flounder taken in the Atlantic Ocean shall reopen November 1 if any of the quota allocated to North Carolina in accordance with the joint Mid-Atlantic Fisheries Management Council-Atlantic States Marine Fisheries Commission Fishery Management Plan for Summer Flounder remains. If after reopening, 100 percent of the quota allocated to North Carolina in accordance with the joint Mid-Atlantic Fisheries Management Council-Atlantic States Marine Fisheries Commission Fishery Management Plan for Summer Flounder is projected

to be taken prior to the end of the calendar year, the Fisheries Director shall, by proclamation, close North Carolina ports to landing of flounder taken from the ocean.

- (3) During any closed season prior to November 1, vessels may land up to 100 pounds of flounder per trip taken from the Atlantic Ocean. The season for landing flounder taken in the Atlantic Ocean shall reopen November 1.

(k) (H) The Fisheries Director may, by proclamation, establish trip limits for the taking of flounder from the Atlantic Ocean to assure that the individual state quota allocated to North Carolina in the joint Mid-Atlantic Fisheries Management Council-Atlantic States Marine Fisheries Commission Fishery Management Plan for Summer Flounder is not exceeded.

History Note: Filed as a Temporary Amendment Eff. November 1, 1995 for a period of 180 days or until the permanent rule becomes effective, whichever is sooner; Authority G.S. 113-134; 113-182; 113-221; 143B-289.4; Eff. January 1, 1991; Amended Eff. March 1, 1996; February 1, 1992; Temporary Amendment Eff. December 23, 1996; Amended Eff. April 1, 1997; Temporary Amendment Eff. August 18, 1997.

TITLE 16 - DEPARTMENT OF PUBLIC EDUCATION

Rule-making Agency: *State Board of Education*

Rule Citation: *16 NCAC 6E .0105*

Effective Date: *August 18, 1997*

Findings Reviewed and Approved by: *Beecher R. Gray*

Authority for the rule-making: *G.S. 115C-364(d); NC Const. Art. IX, sec. 5*

Reason for Proposed Action: *The State Board of Education is required to issue guidelines for principals to follow in determining whether to enroll certain four-year-old children to kindergarten pursuant to G.S. 115C-364(d), which became effective July 3, 1997. Principals must make decisions within the first month of school, beginning with the 1997-98 school year.*

Comment Procedures: *Comments, statements, and other information may be submitted in writing within 60 days after the publication date in the North Carolina Register. Copies of the temporary rule may be obtained by contacting Harry E. Wilson, Room 2086 Education Bldg., 301 N. Wilmington St., Raleigh, NC 27601-2825. Written comments may also be submitted to Mr. Wilson by mail or by FAX at (919) 715-1307.*

CHAPTER 6 - ELEMENTARY AND SECONDARY EDUCATION

SUBCHAPTER 6E - STUDENTS

SECTION .0100 -ATTENDANCE

.0105 EARLY ADMISSION TO KINDERGARTEN

(a) To determine the eligibility of a four-year-old child to enter kindergarten pursuant to the provisions of G.S. 115C-364(d), the principal shall confer with a committee of professional educators to consider for each child the following factors:

- (1) Student Aptitude. The child shall be precocious in academic and social development and shall score at the 99th percentile on a standard individual test of intelligence such as the Stanford-Binet, The Wechsler Preschool and Primary Scale of Intelligence, or any other comparable tests administered by a licensed psychologist.
 - (2) Achievement. The child shall be functioning from two to three years beyond the child's peers. The child shall score at the 99th percentile on a standard test of achievement such as the Metropolitan Readiness Test, the Stanford Early School Achievement Test, The Mini Battery of Achievement, the Test of Early Mathematics Ability (TEMA) paired with the Test of Early Reading Ability (TERA), or any other comparable test administered by a licensed psychologist.
 - (3) Performance. The child shall be able to perform tasks well above age peers as evidenced by behaviors such as independent reading, problem solving skills, advanced vocabulary, and some writing fluency. The parent shall submit a sample of the child's work that shows outstanding examples of ability in any area including, but not limited to, art, mathematics, writing, dramatic play, creative productions, science, or social interactions.
 - (4) Observable Student Behavior/Student Interest. The parent shall provide two recommendation letters with specific documentation of physical and social maturity from preschool teachers, child care workers, pediatricians, or others who have direct knowledge of the child. Useful documentation checklists include the California Preschool Competency Scale, the Harrison Scale, or any other comparable scale of early social development.
 - (5) Motivation/Student Interest. The principal shall conduct an informal interview with the child and a more structured interview with the parent to determine if the child displays a thirst for knowledge and seeks new and challenging learning situations.
- (b) The parent shall present the information required by this Rule to the principal within the first 30 calendar days of the school's instructional year. The principal shall decide whether to grant the parent's request for enrollment within three weeks

after receiving this information. The principal may conditionally enroll the child for up to ninety days in order to observe whether the child is able to adjust to the school setting. If the principal determines that the child has not adjusted to the school setting, the principal shall deny the request for enrollment.

(c) LEAs may require parents to supply information in addition to that required by this Rule. LEAs may also require specific tests or other measures to provide information relating to the factors listed in Paragraph (a) of this Rule.

History Note: Authority G.S. 115C-364(d); N.C. Constitution, Article IX, Sec. 5;

Filed as a Temporary Adoption Eff. August 18, 1997.

This Section contains the agenda for the next meeting of the Rules Review Commission on Thursday, September 18, 1997, 10:00 a.m., at 1307 Glenwood Ave., Assembly Room, Raleigh, NC. Anyone wishing to submit written comment on any rule before the Commission should submit those comments to the RRC staff, the agency, and the individual Commissioners by Monday, September 15, 1997, at 5:00 p.m. Specific instructions and addresses may be obtained from the Rules Review Commission at 919-733-2721. Anyone wishing to address the Commission should notify the RRC staff and the agency at least 24 hours prior to the meeting.

RULES REVIEW COMMISSION MEMBERS

Appointed by Senate
 Philip O. Redwine - Chairman
 Vernice B. Howard
 Teresa L. Smallwood
 Charles H. Henry

Appointed by House
 Bill Graham - Vice Chairman
 James Mallory, III
 Paul Powell
 Anita White

RULES REVIEW COMMISSION MEETING DATES

September 18, 1997
 October 16, 1997

November 20, 1997
 December 18, 1997

MEETING DATE: SEPTEMBER 18, 1997

LOG OF FILINGS

RULES SUBMITTED: JULY 20, 1997 THROUGH AUGUST 20, 1997

AGENCY/DIVISION	RULE NAME	RULE	ACTION
DHR/DIVISION OF MEDICAL ASSISTANCE			
	Medicaid Criteria	10 NCAC 26B .0113	Amend
	Personal Care Services	10 NCAC 26H .0506	Amend
DEHNR/WATER POLLUTION CONTROL SYSTEMS OPERATOR CERTIFICATION COMMISSION			
	Purpose	15A NCAC 8F .0101	Adopt
	Definitions	15A NCAC 8F .0102	Adopt
	Duties & Responsibilities	15A NCAC 8F .0201	Adopt
	Duties & Requirements	15A NCAC 8F .0202	Adopt
	Duties & Requirements	15A NCAC 8F .0203	Adopt
	Classification	15A NCAC 8F .0301	Adopt
	Qualifications for Exam	15A NCAC 8F .0401	Adopt
	Application Form	15A NCAC 8F .0402	Adopt
	Application Procedures	15A NCAC 8F .0403	Adopt
	Exam Procedures	15A NCAC 8F .0404	Adopt
	Renewal of Certification	15A NCAC 8F .0405	Adopt
	Revocation	15A NCAC 8F .0406	Adopt
	Recertification	15A NCAC 8F .0407	Adopt
	Who May Assess	15A NCAC 8F .0501	Adopt
	When Assessable	15A NCAC 8F .0502	Adopt
	Standards	15A NCAC 8F .0503	Adopt
	Assessment	15A NCAC 8F .0504	Adopt
	Payment and Hearing	15A NCAC 8F .0505	Adopt
	Referrals	15A NCAC 8F .0506	Adopt

DEHNR/WILDLIFE RESOURCES COMMISSION

No Wake Zone	15A NCAC 10F .0308	Amend
No Wake Zone	15A NCAC 10F .0330	Amend
No Wake Zone	15A NCAC 10F .0339	Amend

NC STATE BOARD OF DENTAL EXAMINERS

Exam Fee	21 NCAC 16B .0303	Amend
Applications	21 NCAC 16I .0001	Amend
Continuing Education	21 NCAC 16I .0002	Amend
Approved Courses	21 NCAC 16I .0003	Amend
Penalty for Late Filing	21 NCAC 16I .0006	Amend
Dentists	21 NCAC 16M .0001	Amend
Primary Source	21 NCAC 16M .0003	Adopt
Continuing Education Required	21 NCAC 16R .0001	Amend
Exemption	21 NCAC 16R .0004	Amend

NC BOARD OF EXAMINERS IN OPTOMETRY

Written Exam	21 NCAC 42B .0107	Amend
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STATE PERSONNEL COMMISSION

Career Growth	25 NCAC 1D .2501	Amend
Employees Eligible	25 NCAC 1D .2503	Amend
Effective Date	25 NCAC 1D .2504	Amend
Cost-of-Living Adjustment	25 NCAC 1D .2505	Amend
Employees Eligible	25 NCAC 1D .2507	Amend
Effective Date	25 NCAC 1D .2508	Amend
Performance Bonus	25 NCAC 1D .2509	Amend
Employees Eligible	25 NCAC 1D .2511	Amend
Basis for Awarding	25 NCAC 1D .2513	Amend
Final Disciplinary Procedure	25 NCAC 1D .2514	Amend
Administration	25 NCAC 1E .0705	Amend
Use of Leave	25 NCAC 1E .0707	Amend
Return to Work	25 NCAC 1E .0709	Amend

RULES REVIEW OBJECTIONS

ADMINISTRATION

State Construction

1 NCAC 30G .0102 - Policy	RRC Objection	03/20/97
No Response from Agency		04/17/97
Agency Revised Rule	Obj. Removed	05/15/97
1 NCAC 30G .0104 - General Procedures	RRC Objection	03/20/97
No Response from Agency		04/17/97
Agency Revised Rule	Obj. Removed	05/15/97

AGRICULTURE

2 NCAC 43F .0003 - Standards for Receptacles: Labeling: Etc. (Recodified to .0103)	RRC Objection	05/15/97
Agency Revised Rule	Obj. Removed	06/19/97
2 NCAC 43H .0007 - Special Requirements (Recodified to .0107)	RRC Objection	05/15/97
Agency Revised Rule	Obj. Removed	06/19/97

ENVIRONMENT, HEALTH, AND NATURAL RESOURCES

Environmental Management

<i>15A NCAC 2H .0225 - Conditions for Issuing General Permits</i>	<i>RRC Objection</i>	<i>07/17/97</i>
Marine Fisheries		
<i>15A NCAC 3O .0101 - License Agents</i>	<i>RRC Objection</i>	<i>04/17/97</i>
<i>Agency Revised Rule</i>	<i>Obj. Removed</i>	<i>05/15/97</i>
N.C. HOUSING FINANCE AGENCY		
<i>24 NCAC 1P .0103 - Types of Assistance</i>	<i>RRC Objection</i>	<i>07/17/97</i>
HUMAN RESOURCES		
Facility Services		
<i>10 NCAC 3R .3033 - Open Heart Surgery Services Need Determinations (Rev. Cat. H)</i>	<i>RRC Objection</i>	<i>01/16/97</i>
	<i>Obj. Cont'd</i>	<i>02/20/97</i>
	<i>Obj. Cont'd</i>	<i>03/20/97</i>
	<i>Obj. Cont'd</i>	<i>06/19/97</i>
	<i>Obj. Cont'd</i>	<i>07/17/97</i>
JUSTICE		
Criminal Justice Education & Training Standards Commission		
<i>12 NCAC 9B .0102 - Background Investigation</i>	<i>RRC Objection</i>	<i>04/17/97</i>
<i>Agency Revised Rule</i>	<i>Obj. Removed</i>	<i>05/15/97</i>
TRANSPORTATION		
Division of Highways		
<i>19A NCAC 2B .0164 - Use of Right of Way Consultants</i>	<i>RRC Objection</i>	<i>07/17/97</i>

This Section contains the full text of some of the more significant Administrative Law Judge decisions along with an index to all recent contested cases decisions which are filed under North Carolina's Administrative Procedure Act. Copies of the decisions listed in the index and not published are available upon request for a minimal charge by contacting the Office of Administrative Hearings, (919) 733-2698.

OFFICE OF ADMINISTRATIVE HEARINGS

Chief Administrative Law Judge
JULIAN MANN, III

Senior Administrative Law Judge
FRED G. MORRISON JR.

ADMINISTRATIVE LAW JUDGES

Brenda B. Becton
Sammie Chess Jr.
Beecher R. Gray

Meg Scott Phipps
Robert Roosevelt Reilly Jr.
Dolores O. Smith

<u>AGENCY</u>	<u>CASE NUMBER</u>	<u>ALJ</u>	<u>DATE OF DECISION</u>	<u>PUBLISHED DECISION REGISTER CITATION</u>
ALCOHOLIC BEVERAGE CONTROL COMMISSION				
Michael's Mini Mart v. Alcoholic Beverage Control Commission	92 ABC 1601	Gray	08/18/97	
Everette Craig Hornbuckle v. Alcoholic Beverage Control Commission	93 ABC 0987	Gray	08/18/97	
Saleh Ahmed Ali Futhah v. Alcoholic Beverage Control Commission	94 ABC 0264	Gray	08/18/97	
Alcoholic Beverage Control Commission v. Fast Fare, Inc.	96 ABC 0483	Morrison	06/18/97	
Alcoholic Beverage Control Commission v. Paradise Landing, Inc.	97 ABC 0031	Gray	06/13/97	
Alcoholic Beverage Control Commission v. Altaf Hussain	97 ABC 0312	Mann	07/29/97	
Daniel Gary Ledbetter v. Alcoholic Beverage Control Commission	97 ABC 0443	Gray	07/08/97	
CORRECTION				
David M. Boone v. Correction, Div. of Prison Admin. Remedy Procedure	97 DOC 0534	Morrison	06/16/97	
CRIME CONTROL AND PUBLIC SAFETY				
Della Sherrod v. Crime Victims Compensation Commission	96 CPS 0300	Chess	07/18/97	
Rodney P. Hodge v. Crime Victims Compensation Commission	97 CPS 0449	Reilly	07/01/97	
Billy Steen v. Crime Victims Compensation Commission	97 CPS 0472	Morrison	07/23/97	
Clifford R. Pulley v. Crime Victims Compensation Commission	97 CPS 0523	Gray	08/06/97	
ENVIRONMENT, HEALTH, AND NATURAL RESOURCES				
Linda Collie v. Lenoir County Health Department	96 EHR 0264	Becton	07/16/97	
Leroy Anderson v. County of Moore Department of Health	96 EHR 1969	Morrison	07/15/97	12:03 NCR 223
E.H. Garner v. New Hanover Health Department	96 EHR 1972	Gray	08/07/97	
Peter D. McDowell, Sr. v. New Hanover Health Department	96 EHR 2075	Gray	08/07/97	
Riggings Homeowners Assoc. Inc. v. Environment, Health, & Natural Res.	97 EHR 0263	Reilly	08/13/97	
John Ronald Taylor v. Environment, Health, & Natural Resources	97 EHR 0275	Reilly	06/09/97	
Rick Parker v. Pitt County Health Dept./Mr. Ernie Nichols	97 EHR 0470	Phipps	07/01/97	
Maternal and Child Health				
Evan's Mini Mart v. EHNHR, Maternal & Child Health, Nutrition Svcs Sec.	97 EHR 0599	Phipps	07/14/97	

<u>AGENCY</u>	<u>CASE NUMBER</u>	<u>ALJ</u>	<u>DATE OF DECISION</u>	<u>PUBLISHED DECISION REGISTER CITATION</u>
<i>Solid Waste Management</i>				
Lore J. Priddy v. Division of Solid Waste Management, EHNR	96 EHR 1838	Morrison	06/20/97	12:02 NCR 103
<i>Water Quality</i>				
Castle Hayne Steering Committee v. EHNR, Division of Water Quality and New Hanover County Water and Sewer District	96 EHR 1731	Mann	06/30/97	
HUMAN RESOURCES				
Cindy G. Geho v. Office of Administrative Hearings, R. Marcus Lodge	97 DHR 0286	Chess	07/23/97	
Helen Wyman v. Department of Human Resources	97 DHR 0407	Reilly	08/08/97	
Ocelee Gibson v. Department of Human Resources	97 DHR 0658	Reilly	07/22/97	
Rita Faircloth v. Department of Human Resources	97 DHR 0900	Reilly	08/15/97	
<i>Division of Facility Services</i>				
Ava McKinney v. DHR, Division of Facility Services	96 DHR 2061	Chess	07/08/97	
Mercy Egbuleonu v. DHR, Facility Svcs, Health Care Personnel Reg. Sec.	97 DHR 0172	Becton	07/16/97	
Kizzie Cooper v. DHR, Facility Svcs, Health Care Personnel Registry Sec.	97 DHR 0459	Phipps	06/09/97	
Maggie J. Barnhill v. DHR, Facility Svcs, Health Care Pers. Reg. Sec.	97 DHR 0465	Gray	07/30/97	
Emma Faison v. DHR, Division of Facility Services	97 DHR 0471	Gray	07/15/97	
Patricia Addison v. DHR, Facility Svcs, Health Care Personnel Reg. Sec.	97 DHR 0521	Mann	07/25/97	
Claudia K. Thomerson v. DHR, Facility Svcs, Health Care Pers. Reg. Sec.	97 DHR 0551	Chess	07/15/97	
Michelle R. Griffin v. DHR, Facility Svcs, Health Care Pers. Reg. Sec.	97 DHR 0559	Gray	07/30/97	
Jeri L. Anderson v. Human Resources, Division of Facility Services	97 DHR 0659	Gray	08/19/97	
Angela D. Johnson v. DHR, Facility Svcs, Health Care Pers. Reg. Sec.	97 DHR 0723	Chess	08/06/97	
<i>Certificate of Need Section</i>				
Carolina Imaging, Inc/Fayetteville v. DHR, Facility Svcs, Cert/Need Sec. and Cumberland Cty Hospital System, Inc., d/b/a Cape Fear Valley Med. Ctr.	96 DHR 1570	Phipps	06/24/97	12:02 NCR 95
<i>Group Licensure Section</i>				
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* Consolidated Cases.

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Joseph Michael Eubanks v. Department of Human Resources	97 CRA 0477	Reilly	07/18/97	
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David F. Norman v. Department of Human Resources	97 CSE 0672	Gray	07/28/97	
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The North Carolina Administrative Code (NCAC) has four major subdivisions of rules. Two of these, titles and chapters, are mandatory. The major subdivision of the NCAC is the title. Each major department in the North Carolina executive branch of government has been assigned a title number. Titles are further broken down into chapters which shall be numerical in order. The other two, subchapters and sections are optional subdivisions to be used by agencies when appropriate.

TITLE/MAJOR DIVISIONS OF THE NORTH CAROLINA ADMINISTRATIVE CODE

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4	Commerce	Barber Examiners	6
5	Correction	Certified Public Accountant Examiners	8
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14A	Crime Control & Public Safety	Geologists	21
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20	Treasurer	Midwifery Joint Committee	33
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This index provides information related to notices, rules and other documents published in the Register. It includes information about rules for which Notice of Rule-Making Proceedings or Notice of Text have been published, rules submitted to the Rules Review Commission and rules codified since the last session of the General Assembly. For assistance contact the Rules Division at 919/733-2678.

Fiscal Note: S = Rule affects the expenditure or distribution of state funds. L = Rule affects the expenditure or distribution of local government funds. SE = Rule has a substantial economic impact of at least \$5,000,000 in a 12-month period. * = Rule-making agency has determined that the rule does not impact state or local funds and does not have a substantial economic impact. See G.S. 150B-21.4.

ADMINISTRATIVE HEARINGS

Rules Division

26 NCAC 02C 11:19 NCR 1413

ADMINISTRATION

State Building Commission

1 NCAC 30G .0101	11:04 NCR 194	11:19 NCR 1414	*	Approve	03/20/97			11:26 NCR 2004	
1 NCAC 30G .0102	11:04 NCR 194	11:19 NCR 1414	*	Object	03/20/97				
1 NCAC 30G .0103	11:04 NCR 194	11:19 NCR 1414	*	Approve	05/15/97	*		11:30 NCR 2314	
1 NCAC 30G .0104	11:04 NCR 194	11:19 NCR 1414	*	Approve	03/20/97	*		11:26 NCR 2004	
1 NCAC 30G .0105	11:04 NCR 194	11:19 NCR 1414	S/L	Object	03/20/97				
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2 NCAC 48A .0206	10:24 NCR 3056	11:06 NCR 324	*	Ext Review	12/19/96				
				Approve	01/16/97	*		11:22 NCR 1717	
2 NCAC 48A .0211	10:24 NCR 3056	11:06 NCR 324	*	Ext Review	12/19/96				
				Approve	01/16/97	*		11:22 NCR 1717	
2 NCAC 48A .0214	10:24 NCR 3056	11:06 NCR 324	*	Ext Review	12/19/96				
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2 NCAC 52A .0104	11:27 NCR 2053	12:03 NCR 169	*						
2 NCAC 52A .0105	11:27 NCR 2053	12:03 NCR 169	*						
2 NCAC 52A .0106	11:27 NCR 2053	12:03 NCR 169	*						
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2 NCAC 52A .0109	11:27 NCR 2053	12:03 NCR 169	*						
2 NCAC 52B .0212	11:14 NCR 1107	11:22 NCR 1709	*	Approve	05/15/97			11:30 NCR 2314	
2 NCAC 52B .0303	11:14 NCR 1107	11:22 NCR 1709	*	Approve	05/15/97			11:30 NCR 2314	

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2 NCAC 52C .0701	11:14 NCR 1107		11:22 NCR 1709	*	Approve	05/15/97			11:30 NCR 2314	
2 NCAC 52D .0101	11:27 NCR 2053		12:03 NCR 169	*						
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2 NCAC 43F .0103	11:14 NCR 1107		11:22 NCR 1706	*	Object	05/15/97				
2 NCAC 43H .0101	11:14 NCR 1107		11:22 NCR 1706	*	Approve	06/19/97	*		12:03 NCR 213	
2 NCAC 43H .0107	11:14 NCR 1107		11:22 NCR 1706	*	Approve	05/15/97			11:30 NCR 2314	
2 NCAC 43L .0202	11:14 NCR 1107		11:22 NCR 1706	*	Object	05/15/97	*		12:03 NCR 213	
2 NCAC 43L .0401	11:14 NCR 1107		11:22 NCR 1706	*	Approve	06/19/97			11:30 NCR 2314	
2 NCAC 43L .0402	11:14 NCR 1107		11:22 NCR 1706	*	Approve	05/15/97			11:30 NCR 2314	
2 NCAC 43L .0403	11:14 NCR 1107		11:22 NCR 1706	*	Approve	05/15/97			11:30 NCR 2314	
2 NCAC 43L .0405	11:14 NCR 1107		11:22 NCR 1706	*	Approve	05/15/97	*		11:30 NCR 2314	
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2 NCAC 48F .0302	11:07 NCR 407		11:11 NCR 883	*	Approve	03/20/97			11:26 NCR 2004	
2 NCAC 48F .0304	11:07 NCR 407		11:11 NCR 883	*	Approve	03/20/97	*		11:26 NCR 2004	
2 NCAC 48F .0305	11:07 NCR 407		11:11 NCR 883	*	Approve	03/20/97	*		11:26 NCR 2004	
2 NCAC 48F .0306	11:07 NCR 407		11:11 NCR 883	*	Approve	03/20/97	*		11:26 NCR 2004	
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2 NCAC 34 .0503		11:21 NCR 1651								
2 NCAC 34 .0602		11:21 NCR 1651								
2 NCAC 34 .0604		11:21 NCR 1651								
2 NCAC 34 .0605		11:21 NCR 1651								
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4 NCAC 01E	11:09 NCR 569									
4 NCAC 01F	11:09 NCR 569									
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4 NCAC 01K .0503	11:09 NCR 569									
4 NCAC 01K .0504	11:09 NCR 569									
4 NCAC 01K .0505	11:09 NCR 569									
4 NCAC 01K .0506	11:09 NCR 569									
4 NCAC 19L .0401	11:09 NCR 569		11:14 NCR 1113	*						
4 NCAC 19L .0403	11:09 NCR 569		11:14 NCR 1113	*						
4 NCAC 19L .0404	11:09 NCR 569		11:14 NCR 1113	*						
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4 NCAC 19L .0901	11:09 NCR 569		11:14 NCR 1113	*						
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4 NCAC 19L 0911	11-09 NCR 569		11-14 NCR 1113	*						
4 NCAC 19L 1002	11-09 NCR 569		11-14 NCR 1113	*						
4 NCAC 19L 1004	11-09 NCR 569		11-14 NCR 1113	*						
4 NCAC 19L 1009	11-09 NCR 569		11-14 NCR 1113	*						
4 NCAC 19L 1011	11-09 NCR 569		11-14 NCR 1113	*						
4 NCAC 19L 1301	11-09 NCR 569		11-14 NCR 1113	*						
4 NCAC 19L 1302	11-09 NCR 569		11-14 NCR 1113	*						
4 NCAC 19L 1303	11-09 NCR 569		11-14 NCR 1113	*						
4 NCAC 19L 1701	11-09 NCR 569		11-14 NCR 1113	*						
4 NCAC 19L 1702	11-09 NCR 569		11-14 NCR 1113	*						
4 NCAC 19L 1703	11-09 NCR 569		11-14 NCR 1113	*						
4 NCAC 19L 1801	11-09 NCR 569		11-14 NCR 1113	*						
4 NCAC 19L 1802	11-09 NCR 569		11-14 NCR 1113	*						
4 NCAC 19L 1803	11-09 NCR 569		11-14 NCR 1113	*						
4 NCAC 19L 1804	11-09 NCR 569		11-14 NCR 1113	*						
4 NCAC 19L 1805	11-09 NCR 569		11-14 NCR 1113	*						
4 NCAC 19L 1900	11-09 NCR 569		11-14 NCR 1113	*						
Credit Union Division										
4 NCAC 06C 0205	10-18 NCR 2398		11-29 NCR 2182	*	Approve	08/21/97				
4 NCAC 06C 0407	10-18 NCR 2398		11-29 NCR 2182	*	Object	08/21/97				
4 NCAC 06C 0409	10-18 NCR 2398		11-29 NCR 2182	*	Approve	08/21/97				
State Ports Authority										
4 NCAC 13A 0101	10-24 NCR 3056		11-13 NCR 1040	*	Approve	06/19/97			12-03 NCR 213	
4 NCAC 13A 0102	10-24 NCR 3056		11-13 NCR 1040	*	Approve	06/19/97			12-03 NCR 213	
4 NCAC 13A 0105	10-24 NCR 3056		11-13 NCR 1040	*	Approve	06/19/97			12-03 NCR 213	
4 NCAC 13A 0202	10-24 NCR 3056		11-13 NCR 1040	*	Approve	06/19/97			12-03 NCR 213	
4 NCAC 13A 0203	10-24 NCR 3056		11-13 NCR 1040	*	Approve	06/19/97			12-03 NCR 213	

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4 NCAC 13A .0204	10:24 NCR 3056		11:13 NCR 1040	*	Approve	06/19/97			12:03 NCR 213	
4 NCAC 13B .0001	10:24 NCR 3056		11:13 NCR 1040	*	Approve	06/19/97			12:03 NCR 213	
4 NCAC 13B .0002	10:24 NCR 3056		11:13 NCR 1040	*	Approve	06/19/97			12:03 NCR 213	
4 NCAC 13B .0003	10:24 NCR 3056		11:13 NCR 1040	*	Approve	06/19/97			12:03 NCR 213	
4 NCAC 13B .0004	10:24 NCR 3056		11:13 NCR 1040	*	Approve	06/19/97			12:03 NCR 213	
4 NCAC 13B .0005	10:24 NCR 3056		11:13 NCR 1040	*	Approve	06/19/97			12:03 NCR 213	
4 NCAC 13C .0001	10:24 NCR 3056		11:13 NCR 1040	*	Approve	06/19/97			12:03 NCR 213	
4 NCAC 13D .0101	10:24 NCR 3056		11:13 NCR 1040	*	Approve	06/19/97			12:03 NCR 213	
4 NCAC 13E .0101	10:24 NCR 3056		11:13 NCR 1040	*	Approve	06/19/97			12:03 NCR 213	
4 NCAC 13E .0102	10:24 NCR 3056		11:13 NCR 1040	*	Approve	06/19/97			12:03 NCR 213	
4 NCAC 13E .0103	10:24 NCR 3056		11:13 NCR 1040	*	Approve	06/19/97			12:03 NCR 213	
4 NCAC 13E .0201	10:24 NCR 3056		11:13 NCR 1040	*	Approve	06/19/97			12:03 NCR 213	
4 NCAC 13E .0202	10:24 NCR 3056		11:13 NCR 1040	*	Approve	06/19/97			12:03 NCR 213	
4 NCAC 13E .0301	10:24 NCR 3056		11:13 NCR 1040	*	Approve	06/19/97			12:03 NCR 213	
4 NCAC 13E .0302	10:24 NCR 3056		11:13 NCR 1040	*	Approve	06/19/97			12:03 NCR 213	
4 NCAC 13E .0401	10:24 NCR 3056		11:13 NCR 1040	*	Approve	06/19/97			12:03 NCR 213	
4 NCAC 13E .0402	10:24 NCR 3056		11:13 NCR 1040	*	Approve	06/19/97			12:03 NCR 213	
4 NCAC 13E .0403	10:24 NCR 3056		11:13 NCR 1040	*	Approve	06/19/97			12:03 NCR 213	
4 NCAC 13E .0404	10:24 NCR 3056		11:13 NCR 1040	*	Approve	06/19/97			12:03 NCR 213	
4 NCAC 13E .0405	10:24 NCR 3056		11:13 NCR 1040	*	Approve	06/19/97			12:03 NCR 213	
4 NCAC 13E .0501	10:24 NCR 3056		11:13 NCR 1040	*	Approve	06/19/97			12:03 NCR 213	
4 NCAC 13E .0502	10:24 NCR 3056		11:13 NCR 1040	*	Approve	06/19/97			12:03 NCR 213	
4 NCAC 13E .0601	10:24 NCR 3056		11:13 NCR 1040	*	Approve	06/19/97			12:03 NCR 213	
4 NCAC 13E .0602	10:24 NCR 3056		11:13 NCR 1040	*	Approve	06/19/97			12:03 NCR 213	
4 NCAC 13E .0603	10:24 NCR 3056		11:13 NCR 1040	*	Approve	06/19/97			12:03 NCR 213	
4 NCAC 13E .0701	10:24 NCR 3056		11:13 NCR 1040	*	Approve	06/19/97			12:03 NCR 213	
4 NCAC 13E .0702	10:24 NCR 3056		11:13 NCR 1040	*	Approve	06/19/97			12:03 NCR 213	
4 NCAC 13E .0801	10:24 NCR 3056		11:13 NCR 1040	*	Approve	06/19/97			12:03 NCR 213	

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4 NCAC 13E .0803	10:24 NCR 3056		11:13 NCR 1040	*	Approve	06/19/97			12:03 NCR 213	
4 NCAC 13E .0901	10:24 NCR 3056		11:13 NCR 1040	*	Approve	06/19/97			12:03 NCR 213	
4 NCAC 13E .0902	10:24 NCR 3056		11:13 NCR 1040	*	Approve	06/19/97			12:03 NCR 213	
4 NCAC 13F .0301	10:24 NCR 3056		11:13 NCR 1040	*	Approve	06/19/97			12:03 NCR 213	
4 NCAC 13F .0302	10:24 NCR 3056		11:13 NCR 1040	*	Approve	06/19/97			12:03 NCR 213	
COMMUNITY COLLEGES										
23 NCAC 01A .0001	11:18 NCR 1369	11:25 NCR 1919								
23 NCAC 02C .0108	11:18 NCR 1369	11:25 NCR 1919								
23 NCAC 02C .0202	11:18 NCR 1369									
23 NCAC 02C .0207	11:18 NCR 1369									
23 NCAC 02C .0305	11:18 NCR 1369	11:25 NCR 1919								
23 NCAC 02C .0604	11:18 NCR 1369	11:25 NCR 1919								
23 NCAC 02C .0701	11:18 NCR 1369									
23 NCAC 02D .0103	11:18 NCR 1369	11:25 NCR 1919								
23 NCAC 02D .0201	11:18 NCR 1369	11:25 NCR 1919								
23 NCAC 02D .0202	11:17 NCR 1336									
23 NCAC 02D .0202	11:18 NCR 1369	11:25 NCR 1919								
23 NCAC 02D .0203	11:18 NCR 1369	11:25 NCR 1919								
23 NCAC 02D .0301	11:18 NCR 1369	11:25 NCR 1919								
23 NCAC 02D .0323	11:18 NCR 1369	11:25 NCR 1919								
23 NCAC 02D .0324	11:18 NCR 1369	11:25 NCR 1919								
23 NCAC 02D .0327	11:18 NCR 1369	11:25 NCR 1919								
23 NCAC 02E .0101	11:18 NCR 1369	11:25 NCR 1919								
23 NCAC 02E .0102	11:18 NCR 1369	11:25 NCR 1919								
23 NCAC 02E .0201	11:18 NCR 1369	11:25 NCR 1919								
23 NCAC 02E .0203	10:24 NCR 3058		11:09 NCR 585	*	Object Approve	01/16/97 02/20/97	*		11:24 NCR 1832	
23 NCAC 02E .0203	11:18 NCR 1369	11:25 NCR 1919								
23 NCAC 02E .0204	11:18 NCR 1369	11:25 NCR 1919								

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23 NCAC 02E .0205	11:18 NCR 1369	11:25 NCR 1919								
23 NCAC 02E .0501	11:18 NCR 1369	11:25 NCR 1919								
23 NCAC 02E .0604	11:18 NCR 1369	11:25 NCR 1919								
CRIME CONTROL & PUBLIC SAFETY										
Governor's Crime Commission										
14A NCAC 07 .0313	11:24 NCR 1818		12:01 NCR 6	*						
CULTURAL RESOURCES										
USS North Carolina Battleship Commission										
7 NCAC 05 .0203		11:19 NCR 1436	Temp Expired							
DENTAL EXAMINERS										
21 NCAC 16B .0303	11:20 NCR 1538		11:25 NCR 1915	*						
21 NCAC 161 .0001	11:20 NCR 1538		11:25 NCR 1915	*						
21 NCAC 161 .0002	11:20 NCR 1538		11:25 NCR 1915	*						
21 NCAC 161 .0003	11:20 NCR 1538		11:25 NCR 1915	*						
21 NCAC 161 .0004	11:20 NCR 1538									
21 NCAC 161 .0005	11:20 NCR 1538									
21 NCAC 161 .0006	11:20 NCR 1538		11:25 NCR 1915	*						
21 NCAC 16M .0001	11:20 NCR 1538		11:25 NCR 1915	*						
21 NCAC 16M .0003	11:20 NCR 1538		11:25 NCR 1915	*						
21 NCAC 16R .0001	11:20 NCR 1538		11:25 NCR 1915	*						
21 NCAC 16R .0002	11:20 NCR 1538									
21 NCAC 16R .0003	11:20 NCR 1538									
21 NCAC 16R .0004	11:20 NCR 1538									
21 NCAC 16R .0005	11:20 NCR 1538									
21 NCAC 16V .0101	10:16 NCR 2043		11:20 NCR 1556	*						Notice Subject Matter
21 NCAC 16V .0102	10:16 NCR 2043		11:20 NCR 1556	*						Notice Subject Matter

ENVIRONMENT, HEALTH, AND NATURAL RESOURCES

15A Public Notice - Division of Water Quality

12:03 NCR 112

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					Action	Date				
15A Administrative Order on Consent - Division of Waste Management										
15A NCAC 01K	10-19 NCR 2506									
15A NCAC 01M 0101		11-19 NCR 1439	Temp Expired							
15A NCAC 01M 0102		11-19 NCR 1439	Temp Expired							
15A NCAC 01M 0201		11-19 NCR 1439	Temp Expired							
15A NCAC 01M 0202		11-19 NCR 1439	Temp Expired							
15A NCAC 01M 0301		11-19 NCR 1439	Temp Expired							
15A NCAC 01M 0302		11-19 NCR 1439	Temp Expired							
15A NCAC 01M 0303		11-19 NCR 1439	Temp Expired							
15A NCAC 01M 0304		11-19 NCR 1439	Temp Expired							
15A NCAC 01M 0305		11-19 NCR 1439	Temp Expired							
15A NCAC 01M 0306		11-19 NCR 1439	Temp Expired							
15A NCAC 12B 0901		12-03 NCR 209								
15A NCAC 19G 0102	12-02 NCR 52	12-03 NCR 209								
Coastal Resources Commission										
15A NCAC 07	11-04 NCR 183									
15A NCAC 07H 0106	11-19 NCR 1408		11-27 NCR 2058	*						
15A NCAC 07H 0201	11-22 NCR 1704		11-27 NCR 2058	*						
15A NCAC 07H 0202	11-22 NCR 1704		11-27 NCR 2058	*						
15A NCAC 07H 0203	11-22 NCR 1704		agency withdrew							
15A NCAC 07H 0204	11-22 NCR 1704		11-27 NCR 2058	*						
15A NCAC 07H 0205	11-22 NCR 1704		11-27 NCR 2058	*						
15A NCAC 07H 0206	11-22 NCR 1704		11-27 NCR 2058	*						
15A NCAC 07H 0207	11-22 NCR 1704		agency withdrew							
15A NCAC 07H 0208	11-22 NCR 1704		11-27 NCR 2058	*		Object	08/21/97			
15A NCAC 07H 0208	11-04 NCR 183		11-11 NCR 907	*						
15A NCAC 07H 0208	11-19 NCR 1408		11-27 NCR 2058	*						
15A NCAC 07H 0210	12-02 NCR 52									

12-03 NCR 158

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15A NCAC 07H .0304	11:15 NCR 1200	11:15 NCR 1226 Temp Expired	11:27 NCR 2069	S						
15A NCAC 07H .0305	11:15 NCR 1200	11:15 NCR 1226 Temp Expired	11:27 NCR 2069	S						
15A NCAC 07H .0306	11:04 NCR 183		11:11 NCR 907	*	Approve	01/16/97	*		11:22 NCR 1717	
15A NCAC 07H .0309	11:08 NCR 442		11:12 NCR 981	*						
15A NCAC 07H .1104	11:04 NCR 183		11:11 NCR 907	*						
15A NCAC 07H .1202	11:04 NCR 183		11:11 NCR 907	*	Approve	08/21/97	*			
15A NCAC 07H .1204	11:04 NCR 183		11:11 NCR 907	*	Object	08/21/97				
15A NCAC 07H .1205	11:04 NCR 183		11:11 NCR 907	*	Approve	08/21/97	*			
15A NCAC 07H .1304	11:04 NCR 183		11:11 NCR 907	*						
15A NCAC 07H .1404	11:04 NCR 183		11:11 NCR 907	*						
15A NCAC 07H .1504	11:04 NCR 183		11:11 NCR 907	*						
15A NCAC 07H .1600	11:15 NCR 1200									
15A NCAC 07H .1601	11:15 NCR 1200		11:27 NCR 2071	*						
15A NCAC 07H .1604	11:15 NCR 1200		11:27 NCR 2071	*						
15A NCAC 07H .1605	11:15 NCR 1200		11:27 NCR 2071	*						
15A NCAC 07H .1704	11:04 NCR 183		11:11 NCR 907	*						
15A NCAC 07H .1804	11:04 NCR 183		11:11 NCR 907	*						
15A NCAC 07H .1904	11:04 NCR 183		11:11 NCR 907	*						
15A NCAC 07H .2004	11:04 NCR 183		11:11 NCR 907	*						
15A NCAC 07H .2104	11:04 NCR 183		11:11 NCR 907	*						
15A NCAC 07K .0203	11:04 NCR 183		11:11 NCR 907	*	Approve	08/21/97	*			
15A NCAC 07M .0301	10:16B NCR 1921		11:11 NCR 907	*						
15A NCAC 07M .0302	10:16B NCR 1921		11:11 NCR 907	*						
15A NCAC 07M .0303	10:16B NCR 1921		11:11 NCR 907	*						
15A NCAC 07M .0304	10:16B NCR 1921		11:11 NCR 907	*						
15A NCAC 07M .0305	10:16B NCR 1921		11:11 NCR 907	*						
15A NCAC 07M .0306	10:16B NCR 1921		11:11 NCR 907	*						
15A NCAC 07M .0307	10:16B NCR 1921		11:11 NCR 907	*						

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15A NCAC 07M 0308 10 16B NCR 1921			11:11 NCR 907	*						
15A NCAC 07M 0309 10:16B NCR 1921			11:11 NCR 907	*						
15A NCAC 07M 0401 10:18 NCR 2317			11:11 NCR 931	*	Approve	01/16/97	*			
15A NCAC 07M 0402 10:18 NCR 2317			11:11 NCR 931	*	Approve	01/16/97	*			
15A NCAC 07M 0403 10:18 NCR 2317			11:11 NCR 931	*	Object	01/16/97	*			
					Approve	02/20/97	*		11 24 NCR 1832	
15A NCAC 07M 1201 11:19 NCR 1408			11:27 NCR 2058	*						
15A NCAC 07M 1202 11 19 NCR 1408			11:27 NCR 2058	*						
Environmental Management Commission										
15A NCAC 02 10:24 NCR 3045										
15A NCAC 02 11:04 NCR 183										
15A NCAC 02 11:19 NCR 1408										
15A NCAC 02B 0101 11:24 NCR 1818			11:30 NCR 2303	*						
15A NCAC 02B 0202 11:24 NCR 1818			11:30 NCR 2303	*						
15A NCAC 02B 0223 11:02 NCR 75										
15A NCAC 02B 0223 11:03 NCR 109										
15A NCAC 02B 0224 10:18 NCR 2400			11:12 NCR 973	*						
15A NCAC 02B 0227 10:18 NCR 2400			11:12 NCR 973	*						
15A NCAC 02B 0230 11:24 NCR 1818			11:30 NCR 2303	*						
15A NCAC 02B 0231 11:02 NCR 75			11:10 NCR 824	L/SE						
			11:14 NCR 1136							
15A NCAC 02B 0232 11:02 NCR 75			11:10 NCR 824	L						
			11:14 NCR 1136							
15A NCAC 02B 0233 11:02 NCR 75		12.02 NCR 77	11:10 NCR 824	L						
			11:14 NCR 1136	L						
15A NCAC 02B 0234 11:02 NCR 75			11:10 NCR 824	*						
			11:14 NCR 1136							
15A NCAC 02B 0235 11:02 NCR 75			11:10 NCR 824	*						
			11:14 NCR 1136							
15A NCAC 02B 0236 11:02 NCR 75			11:10 NCR 824	L						
			11:14 NCR 1136							

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15A NCAC 02B .0303	10:18 NCR 2400		11:12 NCR 973	*						
15A NCAC 02B .0304	11:24 NCR 1818		12:01 NCR 6	*						
15A NCAC 02B .0304	11:26 NCR 1976		12:01 NCR 6	S						
15A NCAC 02B .0304	11:26 NCR 1984		12:01 NCR 6	S						
15A NCAC 02B .0305	11:20 NCR 1534		12:05 NCR 414	*						
15A NCAC 02B .0306	11:26 NCR 1976		12:01 NCR 6	*						
15A NCAC 02B .0306	11:26 NCR 1984		12:01 NCR 6	*						
15A NCAC 02B .0307	11:26 NCR 1976		12:01 NCR 6	*						
15A NCAC 02B .0307	11:26 NCR 1984		12:01 NCR 6	*						
15A NCAC 02B .0308	11:20 NCR 1534		11:28 NCR 2121	*						
15A NCAC 02B .0308	11:26 NCR 1976		12:01 NCR 6	*						
15A NCAC 02B .0308	11:26 NCR 1984		12:01 NCR 6	*						
15A NCAC 02B .0309	11:26 NCR 1976		12:01 NCR 6	*						
15A NCAC 02B .0309	11:26 NCR 1984		12:01 NCR 6	*						
15A NCAC 02B .0311	11:26 NCR 1976		12:01 NCR 6	*						
15A NCAC 02B .0311	11:26 NCR 1984		12:01 NCR 6	*						
15A NCAC 02B .0313	11:24 NCR 1818		12:05 NCR 416	*						
15A NCAC 02B .0313	11:26 NCR 1976		12:01 NCR 6	*						
15A NCAC 02B .0313	11:26 NCR 1984		12:01 NCR 6	*						
15A NCAC 02B .0315	11:24 NCR 1818									
15A NCAC 02B .0316	11:20 NCR 1534									
15A NCAC 02B .0316	11:26 NCR 1976		12:01 NCR 6	*						
15A NCAC 02B .0316	11:26 NCR 1984		12:01 NCR 6	*						
15A NCAC 02B .0317	11:26 NCR 1976		12:01 NCR 6	*						
	11:26 NCR 1984		12:01 NCR 6	*						
15A NCAC 02D .0101	11:15 NCR 1200		12:04 NCR 270	*						
15A NCAC 02D .0101	12:02 NCR 52									
15A NCAC 02D .0104	11:15 NCR 1200		12:04 NCR 270	*						

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15A NCAC 02D .0105	11.15 NCR 1200		12.04 NCR 270	*						
15A NCAC 02D .0108	11.15 NCR 1200									
15A NCAC 02D .0202	11.15 NCR 1200		12.04 NCR 270	*						
15A NCAC 02D .0302	11.15 NCR 1200		12.04 NCR 270	*						
15A NCAC 02D .0307	11.15 NCR 1200									
15A NCAC 02D .0501	11.15 NCR 1200									
15A NCAC 02D .0518	11.19 NCR 1408									
15A NCAC 02D .0521	11.15 NCR 1200									
15A NCAC 02D .0524	11.15 NCR 1200									
15A NCAC 02D .0525	11.15 NCR 1200									
15A NCAC 02D .0531	11.15 NCR 1200		12.04 NCR 270	*						
15A NCAC 02D .0535	10.18 NCR 2317		11.16 NCR 1271	*	Approve	04/17/97			11.29 NCR 2211	
15A NCAC 02D .0610	11.15 NCR 1200									
15A NCAC 02D .0806	11.26 NCR 1976									
15A NCAC 02D .0902	11.19 NCR 1408									
15A NCAC 02D .0909	11.19 NCR 1408									
15A NCAC 02D .0912	11.15 NCR 1200									
15A NCAC 02D .0917	11.19 NCR 1408									
15A NCAC 02D .0918	11.19 NCR 1408									
15A NCAC 02D .0919	11.19 NCR 1408									
15A NCAC 02D .0920	11.19 NCR 1408									
15A NCAC 02D .0921	11.19 NCR 1408									
15A NCAC 02D .0922	11.19 NCR 1408									
15A NCAC 02D .0923	11.19 NCR 1408									
15A NCAC 02D .0924	11.19 NCR 1408									
15A NCAC 02D .0934	11.19 NCR 1408									
15A NCAC 02D .0938	12.02 NCR 52									
15A NCAC 02D .0948	11.19 NCR 1408									

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15A NCAC 02D .0949	11:19 NCR 1408									
15A NCAC 02D .0950	11:19 NCR 1408									
15A NCAC 02D .0951	11:19 NCR 1408									
15A NCAC 02D .0953	11:15 NCR 1200		12:04 NCR 270	*						
15A NCAC 02D .0953	11:26 NCR 1976									
15A NCAC 02D .0954	11:15 NCR 1200									
15A NCAC 02D .1005	11:15 NCR 1200		12:04 NCR 270	*						
15A NCAC 02D .1100	11:08 NCR 442									
15A NCAC 02D .1104	12:02 NCR 52	12:02 NCR 77								
15A NCAC 02D .1106	11:26 NCR 1976									
15A NCAC 02D .1107	11:15 NCR 1200		12:04 NCR 270	*						
15A NCAC 02D .1201	10:24 NCR 3045		11:16 NCR 1271	L/SE	Approve	04/17/97			11:29 NCR 2211	
15A NCAC 02D .1202	10:24 NCR 3045		11:16 NCR 1271	L/SE	Approve	04/17/97			11:29 NCR 2211	
15A NCAC 02D .1203	10:24 NCR 3045		11:16 NCR 1271	L/SE	Approve	04/17/97			11:29 NCR 2211	
15A NCAC 02D .1203	11:15 NCR 1200									
15A NCAC 02D .1204	10:24 NCR 3045		11:16 NCR 1271	L/SE	Approve	04/17/97			11:29 NCR 2211	
15A NCAC 02D .1204	11:04 NCR 183		12:04 NCR 270	*						
15A NCAC 02D .1205	10:24 NCR 3045		11:16 NCR 1271	L/SE	Approve	04/17/97			11:29 NCR 2211	
15A NCAC 02D .1206	10:24 NCR 3045		11:16 NCR 1271	L/SE	Approve	04/17/97			11:29 NCR 2211	
15A NCAC 02D .1206	11:04 NCR 183		12:04 NCR 270	*						
15A NCAC 02D .1207	10:24 NCR 3045		11:16 NCR 1271	L/SE	Approve	04/17/97			11:29 NCR 2211	
15A NCAC 02D .1208	10:24 NCR 3045		11:16 NCR 1271	L/SE	Approve	04/17/97	*		11:29 NCR 2211	
15A NCAC 02D .1209	10:24 NCR 3045		11:16 NCR 1271	L/SE	Approve	04/17/97	*		11:29 NCR 2211	
15A NCAC 02D .1305	11:04 NCR 183		12:04 NCR 270	*						
15A NCAC 02D .1500	11:19 NCR 1408									
15A NCAC 02D .1503	11:15 NCR 1200		12:04 NCR 270	*						
15A NCAC 02D .1603	11:15 NCR 1200		12:04 NCR 270	*						
15A NCAC 02D .1701	11:15 NCR 1200		12:04 NCR 270	*						

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15A NCAC 02D 1703	11-15 NCR 1200		12-04 NCR 270	L						
15A NCAC 02D 1704	11-15 NCR 1200		12-04 NCR 270	*						
15A NCAC 02D 1705	11-15 NCR 1200		12-04 NCR 270	L						
15A NCAC 02D 1706	11-15 NCR 1200		12-04 NCR 270	*						
15A NCAC 02D 1707	11-15 NCR 1200		12-04 NCR 270	L						
15A NCAC 02D 1708	11-15 NCR 1200		12-04 NCR 270	L						
15A NCAC 02D 1709	11-15 NCR 1200		12-04 NCR 270	L						
15A NCAC 02D 1710	11-15 NCR 1200		12-04 NCR 270	*						
15A NCAC 02D 1700	12-02 NCR 52									
15A NCAC 02D 1902	11-19 NCR 1408		12-04 NCR 270	*						
15A NCAC 02D 1903	11-19 NCR 1408		12-04 NCR 270	*						
15A NCAC 02D 2200	11-26 NCR 1976									
15A NCAC 02H 0225	11-15 NCR 1200	11-15 NCR 1225 11-27 NCR 2073	11-20 NCR 1550 11-27 NCR 2073	*	Object Approve	07/17/97 08/21/97	*			
15A NCAC 02H 0610	11-08 NCR 442									
15A NCAC 02H 0610	12-02 NCR 52	12-02 NCR 77								
15A NCAC 02H 1202	11-15 NCR 1200									
15A NCAC 02H 1203	11-15 NCR 1200									
15A NCAC 02H 1204	11-15 NCR 1200									
15A NCAC 02H 1205	11-15 NCR 1200									
15A NCAC 02L	11-15 NCR 1200 11-15 NCR 1204									
15A NCAC 02L 0106		10-19 NCR 2508	11-21 NCR 1639	*						
15A NCAC 02L 0115	11-15 NCR 1200 11-15 NCR 1204		11-21 NCR 1639	L						
15A NCAC 02L 0202	10-20 NCR 2591									
15A NCAC 02N	11-15 NCR 1200									
15A NCAC 02N	11-15 NCR 1204									

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15A NCAC 02N .0701	11:15 NCR 1200		11:21 NCR 1639	*						
15A NCAC 02N .0707	11:15 NCR 1204		11:21 NCR 1639	*						
15A NCAC 02P	11:15 NCR 1200									
15A NCAC 02P .0402	11:15 NCR 1204	10:19 NCR 2512	11:21 NCR 1639	*						
15A NCAC 02Q .0102			11:06 NCR 350	*						
15A NCAC 02Q .0102	11:19 NCR 1408									
15A NCAC 02Q .0102	12:02 NCR 52									
15A NCAC 02Q .0103	11:15 NCR 1200		12:04 NCR 270	*						
15A NCAC 02Q .0108	11:15 NCR 1200		12:04 NCR 270	*						
15A NCAC 02Q .0201	12:02 NCR 52									
15A NCAC 02Q .0207	11:19 NCR 1408		12:04 NCR 270	*						
15A NCAC 02Q .0300	11:26 NCR 1976									
15A NCAC 02Q .0307	11:15 NCR 1200		12:04 NCR 270	*						
15A NCAC 02Q .0312	10:24 NCR 3045		11:16 NCR 1271	*	Approve	04/17/97			11:29 NCR 2211	
15A NCAC 02Q .0313	10:24 NCR 3045		11:16 NCR 1271	*	Approve	04/17/97			11:29 NCR 2211	
15A NCAC 02Q .0400	12:04 NCR 240									
15A NCAC 02Q .0521	11:15 NCR 1200		12:04 NCR 270	*						
15A NCAC 02Q .0525	10:24 NCR 3045		11:16 NCR 1271	*	Approve	04/17/97			11:29 NCR 2211	
15A NCAC 02Q .0527	10:24 NCR 3045		11:16 NCR 1271	*	Approve	04/17/97			11:29 NCR 2211	
15A NCAC 02Q .0607	10:24 NCR 3045		11:16 NCR 1271	*	Approve	04/17/97			11:29 NCR 2211	
15A NCAC 02Q .0700	11:08 NCR 442									
15A NCAC 02Q .0801	12:02 NCR 52									
15A NCAC 02Q .0803	12:02 NCR 52									
15A NCAC 02Q .0805	10:18 NCR 2317		12:04 NCR 270	S						
15A NCAC 02Q .0806	10:24 NCR 3045		12:04 NCR 270	S						
15A NCAC 02Q .0807	10:24 NCR 3045		12:04 NCR 270	*						
15A NCAC 02R .0100	12:02 NCR 52									
15A NCAC 02R .0200	12:02 NCR 52									
15A NCAC 02R .0300	12:02 NCR 52									

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15A NCAC 02R .0500	12:02 NCR 52									
15A NCAC 02R .0501		11:27 NCR 2075								
15A NCAC 02R .0502		11:27 NCR 2075								
15A NCAC 02R .0503		11:27 NCR 2075								
15A NCAC 02R .0504		11:27 NCR 2075								
15A NCAC 02R .0600	12:02 NCR 52									
Health Services, Commission for										
15A NCAC 13A .0100	12:02 NCR 52									
15A NCAC 13A .0101	11:16 NCR 1269		11:20 NCR 1552	*	Approve	04/17/97			11:29 NCR 2211	
15A NCAC 13A .0101	N/A		N/A		Approve	07/17/97			12:04 NCR 317	
15A NCAC 13A .0105	11:16 NCR 1269		11:20 NCR 1552	*	Approve	04/17/97			11:29 NCR 2211	
15A NCAC 13A .0107	11:16 NCR 1269		11:20 NCR 1552	*	Approve	04/17/97			11:29 NCR 2211	
15A NCAC 13A .0111	11:16 NCR 1269		11:20 NCR 1552	*	Approve	04/17/97			11:29 NCR 2211	
15A NCAC 13A .0112	11:16 NCR 1269		11:20 NCR 1552	*	Approve	04/17/97			11:29 NCR 2211	
15A NCAC 13A .0119	11:16 NCR 1269		11:20 NCR 1552	*	Approve	04/17/97			11:29 NCR 2211	
15A NCAC 13B .1627	11:08 NCR 442		11:13 NCR 1055	*	Approve	04/17/97			11:29 NCR 2211	
15A NCAC 13B .1800	11:08 NCR 442									
15A NCAC 13B .1800	11:26 NCR 1976									
15A NCAC 18A	11:04 NCR 183									
15A NCAC 18A .0134	11:08 NCR 442		11:12 NCR 987	*	Object	12/19/96				
					Approve	01/16/97			11:22 NCR 1717	
15A NCAC 18A .0168	11:08 NCR 442		11:12 NCR 987	*	Object	12/19/96	*			
					Approve	01/16/97	*		11:22 NCR 1717	
15A NCAC 18A .0176	11:08 NCR 442		11:12 NCR 987	*	Object	12/19/96				
					Approve	01/16/97			11:22 NCR 1717	
15A NCAC 18A .0182	11:08 NCR 442		11:12 NCR 987	*	Object	12/19/96				
					Approve	01/16/97	*		11:22 NCR 1717	
15A NCAC 18A .0183	11:08 NCR 442		11:12 NCR 987	*	Object	12/19/96	*			
					Approve	01/16/97	*		11:22 NCR 1717	
15A NCAC 18A .0185	11:08 NCR 442		11:12 NCR 987	*	Object	12/19/96				
					Approve	01/16/97			11:22 NCR 1717	

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15A NCAC 18A .0187	11:08 NCR 442		11:12 NCR 987	*	Object	12/19/96				
15A NCAC 18A .0301	11:08 NCR 442		11:12 NCR 987	*	Approve	01/16/97	*		11:22 NCR 1717	
15A NCAC 18A .0421	11:08 NCR 442		11:12 NCR 987	*	Object	12/19/96	*		11:22 NCR 1717	
15A NCAC 18A .0614	11:08 NCR 442		11:12 NCR 987	*	Approve	01/16/97	*		11:22 NCR 1717	
15A NCAC 18A .0618	11:08 NCR 442		11:12 NCR 987	*	Object	12/19/96			11:22 NCR 1717	
15A NCAC 18A .0621	11:08 NCR 442		11:12 NCR 987	*	Approve	01/16/97			11:22 NCR 1717	
15A NCAC 18A .0901	11:08 NCR 442		11:12 NCR 987	*	Object	12/19/96			11:22 NCR 1717	
15A NCAC 18A .1301	11:08 NCR 442		11:12 NCR 987	*	Approve	01/16/97			11:22 NCR 1717	
15A NCAC 18A .1319	11:08 NCR 442		11:12 NCR 987	*	Object	12/19/96			11:22 NCR 1717	
15A NCAC 18A .1937	11:19 NCR 1408	11:20 NCR 1561	12:02 NCR 61	*	Approve	01/16/97	*		11:22 NCR 1717	
15A NCAC 18A .1938	11:19 NCR 1408	11:20 NCR 1561	12:02 NCR 61	*	Object	12/19/96			11:22 NCR 1717	
15A NCAC 18A .1958	11:19 NCR 1408	11:20 NCR 1561	12:02 NCR 61	*	Approve	01/16/97	*		11:22 NCR 1717	
15A NCAC 18A .1961	11:19 NCR 1408	11:20 NCR 1561	12:02 NCR 61	*	Object	12/19/96			11:22 NCR 1717	
15A NCAC 18A .2301	12:03 NCR 168				Approve	01/16/97			11:22 NCR 1717	
15A NCAC 18A .2302	12:03 NCR 168				Object	12/19/96			11:22 NCR 1717	
15A NCAC 18A .2303	12:03 NCR 168				Approve	01/16/97			11:22 NCR 1717	
15A NCAC 18A .2304	12:03 NCR 168				Object	12/19/96			11:22 NCR 1717	
15A NCAC 18A .2305	12:03 NCR 168				Approve	01/16/97			11:22 NCR 1717	
15A NCAC 18A .2306	12:03 NCR 168				Object	12/19/96			11:22 NCR 1717	
15A NCAC 18A .2307	12:03 NCR 168				Approve	01/16/97			11:22 NCR 1717	
15A NCAC 18A .2308	12:03 NCR 168				Object	12/19/96			11:22 NCR 1717	
15A NCAC 18A .2309	12:03 NCR 168				Approve	01/16/97			11:22 NCR 1717	
15A NCAC 18A .2310	12:03 NCR 168				Object	12/19/96			11:22 NCR 1717	
15A NCAC 18A .2600	12:04 NCR 240				Approve	01/16/97			11:22 NCR 1717	
15A NCAC 19A .0101	11:26 NCR 1976				Object	12/19/96			11:22 NCR 1717	
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15A NCAC 19A .0101	12-02 NCR 52	12-02 NCR 88								
15A NCAC 19A .0102	11-26 NCR 1976		12-02 NCR 61	S/L						
15A NCAC 19A .0201	11-26 NCR 1976		12-02 NCR 61	*						
15A NCAC 19A .0203	11-21 NCR 1638		12-02 NCR 61	*						
15A NCAC 19A .0205	11-26 NCR 1976		12-02 NCR 61	*						
15A NCAC 19C .0801		12-01 NCR 31								
15A NCAC 19C .0802		12-01 NCR 31								
15A NCAC 19C .0803		12-01 NCR 31								
15A NCAC 21I .0101		11-07 NCR 422	11-20 NCR 1552	*	Approve	04/17/97	*		11-29 NCR 2211	
15A NCAC 21J .0101		11-07 NCR 422	11-20 NCR 1552	*	Approve	04/17/97	*		11-29 NCR 2211	
15A NCAC 24A .0202		11-24 NCR 1827	12-02 NCR 61	S						
15A NCAC 24A .0202		12-01 NCR 31								
15A NCAC 26C .0001	11-19 NCR 1408									
15A NCAC 26C .0002	11-19 NCR 1408									
15A NCAC 26C .0003	11-19 NCR 1408									
15A NCAC 26C .0004	11-19 NCR 1408									
15A NCAC 26C .0005	11-19 NCR 1408									
15A NCAC 26C .0006	11-19 NCR 1408									
15A NCAC 26C .0007	11-19 NCR 1408									
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15A NCAC 03	11-11 NCR 881									
15A NCAC 03	11-20 NCR 1537									
15A NCAC 03	11-26 NCR 1985									
15A NCAC 03I .0101	11-26 NCR 1976		12-05 NCR 418	*						
15A NCAC 03I .0117	11-26 NCR 1976	11-26 NCR 2000	12-05 NCR 418	*						
15A NCAC 03J .0103	11-26 NCR 1976		12-05 NCR 418	*						
15A NCAC 03J .0104	11-26 NCR 1976		12-05 NCR 418	*						

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15A NCAC 03J .0202	11:07 NCR 407		11:11 NCR 888	*						
15A NCAC 03J .0202	11:26 NCR 1976		12:05 NCR 418	*						
15A NCAC 03J .0208	11:26 NCR 1976		12:05 NCR 418	*						
15A NCAC 03J .0301	11:26 NCR 1976		12:05 NCR 418	*						
15A NCAC 03L .0102	11:07 NCR 407		11:11 NCR 888	*						
15A NCAC 03M .0204		11:14 NCR 1153	11:18 NCR 1371	*	Approve	04/17/97			11:29 NCR 2211	
15A NCAC 03M .0503		11:18 NCR 1383	11:26 NCR 1988	*	Approve	08/21/97				
15A NCAC 03M .0503	11:20 NCR 1537	12:05 NCR 431	12:05 NCR 418	*						
15A NCAC 03M .0506		11:18 NCR 1383	11:26 NCR 1988	*	Approve	08/21/97				
15A NCAC 03M .0506	11:26 NCR 1976		12:05 NCR 418	*						
15A NCAC 03M .0507		11:11 NCR 938 Temp Expired	11:26 NCR 1988	*	Approve	08/21/97				
15A NCAC 03M .0513	11:26 NCR 1976		12:05 NCR 418	*						
15A NCAC 03M .0514		11:18 NCR 1383	11:26 NCR 1088	*	Approve	08/21/97				
15A NCAC 03O .0204	N/A	N/A	N/A		Approve	08/21/97				
15A NCAC 03O .0211	11:26 NCR 1976		12:05 NCR 418	*						
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15A NCAC 12K .0101	12:02 NCR 52									
15A NCAC 12K .0103	12:02 NCR 52									
15A NCAC 12K .0104	12:02 NCR 52									
15A NCAC 12K .0105	12:02 NCR 52									
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15A NCAC 11 .0300	12:04 NCR 240									
15A NCAC 11 .0400	12:04 NCR 240									
15A NCAC 11 .1100	12:04 NCR 240									
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15A NCAC 08B	11-26 NCR 1976									
15A NCAC 08C	11-26 NCR 1976									
15A NCAC 08D	11-26 NCR 1976									
15A NCAC 08E	11-26 NCR 1976									
15A NCAC 08F	11-26 NCR 1976									
15A NCAC 08F .0101		11-19 NCR 1442	11-28 NCR 2123	*						
15A NCAC 08F .0102		11-19 NCR 1442	11-28 NCR 2123	*						
15A NCAC 08F .0201		11-19 NCR 1442	11-28 NCR 2123	S						
15A NCAC 08F .0202		11-19 NCR 1442	11-28 NCR 2123	S						
15A NCAC 08F .0203		11-19 NCR 1442	11-28 NCR 2123	S						
15A NCAC 08F .0301		11-19 NCR 1442	11-28 NCR 2123	S						
15A NCAC 08F .0401		11-19 NCR 1442	11-28 NCR 2123	*						
15A NCAC 08F .0402		11-19 NCR 1442	11-28 NCR 2123	S						
15A NCAC 08F .0403		11-19 NCR 1442	11-28 NCR 2123	S						
15A NCAC 08F .0404		11-19 NCR 1442	11-28 NCR 2123	S						
15A NCAC 08F .0405		11-19 NCR 1442	11-28 NCR 2123	S						
15A NCAC 08F .0406		11-19 NCR 1442	11-28 NCR 2123	S						
15A NCAC 08F .0407		11-19 NCR 1442	11-28 NCR 2123	S						
15A NCAC 08F .0501		11-19 NCR 1442	11-28 NCR 2123	*						
15A NCAC 08F .0502		11-19 NCR 1442	11-28 NCR 2123	S						
15A NCAC 08F .0503		11-19 NCR 1442	11-28 NCR 2123	S						
15A NCAC 08F .0504		11-19 NCR 1442	11-28 NCR 2123	S						
15A NCAC 08F .0505		11-19 NCR 1442	11-28 NCR 2123	S						
15A NCAC 08F .0506		11-19 NCR 1442	11-28 NCR 2123	*						
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15A NCAC 10B .0115	11-11 NCR 882									
15A NCAC 10B .0116	11-12 NCR 959									
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15A NCAC 10B .0208	11:02 NCR 76		11:08 NCR 495	*						
15A NCAC 10C .0107	11:02 NCR 76									
15A NCAC 10C .0401	11:02 NCR 76									
15A NCAC 10C .0401	11:07 NCR 408									
15A NCAC 10D .0002	11:02 NCR 76		11:08 NCR 495	*						
15A NCAC 10F .0300	11:01 NCR 13									
15A NCAC 10F .0302	11:05 NCR 272		11:14 NCR 1150	*	Approve	03/20/97	*		11:26 NCR 2004	
15A NCAC 10F .0307	11:08 NCR 451		11:14 NCR 1150	*	Approve	03/20/97	*		11:26 NCR 2004	
15A NCAC 10F .0308	11:21 NCR 1638		11:29 NCR 2206	*						
15A NCAC 10F .0311	12:01 NCR 5									
15A NCAC 10F .0317	11:13 NCR 1039		11:19 NCR 1427	*	Approve	04/17/97			11:29 NCR 2211	
15A NCAC 10F .0327	11:14 NCR 1109		11:20 NCR 1551	*	Approve	04/17/97	*		11:29 NCR 2211	
15A NCAC 10F .0330	12:05 NCR 337									
15A NCAC 10F .0333	12:01 NCR 5									
15A NCAC 10F .0339	11:13 NCR 1039		11:19 NCR 1427	*	Approve	04/17/97			11:29 NCR 2211	
15A NCAC 10F .0339	11:21 NCR 1638		11:29 NCR 2206	*						
15A NCAC 10F .0339	12:05 NCR 337									
15A NCAC 10F .0355	11:25 NCR 1905		12:01 NCR 18	*						
15A NCAC 10F .0360	12:01 NCR 5									
15A NCAC 10F .0367	11:16 NCR 1269									
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21 NCAC 12 .0503	11-28 NCR 2117									
21 NCAC 12 .0504	11-28 NCR 2117									
21 NCAC 12 .0901	11-28 NCR 2117		12.04 NCR 292	*						
21 NCAC 12 .0902	11-28 NCR 2117									
21 NCAC 12 .0903	11-28 NCR 2117		12.04 NCR 292	*						
21 NCAC 12 .0904	11-28 NCR 2117		12.04 NCR 292	*						
21 NCAC 12 .0905	11-28 NCR 2117									
21 NCAC 12 .0906	11-28 NCR 2117									
21 NCAC 12 .0907	11-28 NCR 2117									
21 NCAC 12 .0908	11-28 NCR 2117									
21 NCAC 12 .0909	11-28 NCR 2117									
21 NCAC 12 .0910	11-28 NCR 2117									
21 NCAC 12 .0911	11-28 NCR 2117									
21 NCAC 12 .0912	11-28 NCR 2117									
GOVERNOR'S EXECUTIVE ORDERS										
Number 112 - Eff. 05/22/97										12.01 NCR 1
Number 113 - Eff. 06/12/97										12.01 NCR 1
Number 114 - Eff. 06/26/97										12.03 NCR 110
Number 115 - Eff. 07/03/97										12.03 NCR 110
Number 116 - Eff. 07/21/97										12.04 NCR 227
HOUSING FINANCE AGENCY										
24 NCAC 01P .0101		11-14 NCR 1154	11-28 NCR 2132	S	Approve	07/17/97			12.04 NCR 317	
24 NCAC 01P .0102		11-14 NCR 1154	11-28 NCR 2132	S	Approve	07/17/97			12.04 NCR 317	
24 NCAC 01P .0103		11-14 NCR 1154	11-28 NCR 2132	S	Object	07/17/97		*		
					Approve	08/21/97		*		
24 NCAC 01P .0201		11-14 NCR 1154	11-28 NCR 2132	S	Approve	07/17/97			12.04 NCR 317	

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24 NCAC 01P .0202		11:14 NCR 1154	11:28 NCR 2132	S	Approve	07/17/97	*		12:04 NCR 317	
24 NCAC 01P .0203		11:14 NCR 1154	11:28 NCR 2132	S	Approve	07/17/97			12:04 NCR 317	
HUMAN RESOURCES										
10 NCAC 01B	11:23 NCR 1779									
Aging										
10 NCAC 22	10:23 NCR 2956									
Child Day Care Commission										
10 NCAC 03U .0302	11:24 NCR 1817									
10 NCAC 03U .0506	11:24 NCR 1817									
10 NCAC 03U .0509	11:24 NCR 1817									
10 NCAC 03U .0601	11:24 NCR 1817									
10 NCAC 03U .0602	11:24 NCR 1817									
10 NCAC 03U .0604	11:03 NCR 109		11:09 NCR 571	*	Approve	03/20/97			11:26 NCR 2004	
10 NCAC 03U .0604	11:24 NCR 1817									
10 NCAC 03U .0605	11:24 NCR 1817									
10 NCAC 03U .0700	11:08 NCR 449									
10 NCAC 03U .0705	11:14 NCR 1108		11:27 NCR 2054	*						
10 NCAC 03U .0705	11:24 NCR 1817									
10 NCAC 03U .0707	11:08 NCR 449		11:17 NCR 1338	*	Object Approve	03/20/97 04/17/97	*		11:29 NCR 2211	
10 NCAC 03U .0714	11:24 NCR 1817									
10 NCAC 03U .0802	11:24 NCR 1817									
10 NCAC 03U .0803	11:24 NCR 1817									
10 NCAC 03U .0901	11:08 NCR 449			*						
10 NCAC 03U .1402	11:24 NCR 1817		11:17 NCR 1338							
10 NCAC 03U .1403	11:24 NCR 1817									
10 NCAC 03U .1717	11:14 NCR 1108		11:27 NCR 2054	*						
10 NCAC 03U .1717	11:24 NCR 1817									
10 NCAC 03U .2500	11:29 NCR 2181									

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					Action	Date				
10 NCAC 03U .2510	11.08 NCR 449									
10 NCAC 03U .2603	11.24 NCR 1817									
10 NCAC 03U .2606	11.08 NCR 449									
10 NCAC 03U .2610	11.24 NCR 1817									
10 NCAC 03U .2611	11.24 NCR 1817									
Facility Services										
Public Notice - Draft 1998 State Medical Facilities Plan										
10 NCAC 03	10.18 NCR 2399									12.01 NCR 2
10 NCAC 03R .3000	11.23 NCR 1780									
10 NCAC 03R .3001	10.23 NCR 2956		11.06 NCR 328	S/L/SE						
10 NCAC 03R .3002	11.21 NCR 1655		12.04 NCR 246	*						
10 NCAC 03R .3020	10.23 NCR 2956		11.06 NCR 328	S/L/SE						
10 NCAC 03R .3030	10.23 NCR 2956		11.06 NCR 328	S/L/SE	Object Approve	11/21/96 03/20/97	*		11.26 NCR 2004	
10 NCAC 03R .3030	10.21 NCR 2699		11.08 NCR 452	S/L/SE	Object Object Approve Extend Review Approve	10/17/96 11/21/96 03/20/97 03/20/97 08/21/97	*			11.11 NCR 888
10 NCAC 03R .3031	11.23 NCR 1780		11.08 NCR 459							
10 NCAC 03R .3032	10.23 NCR 2956		11.06 NCR 328	S/L/SE						
10 NCAC 03R .3033	10.21 NCR 2699		11.08 NCR 452	S/L/SE	Object Extend Review Approve Object Return to agency Object Return to agency Object Return to agency Object Return to agency Object Return to agency	01/16/97 03/20/97 08/21/97 01/16/97 03/20/97 01/16/97 03/20/97 01/16/97 03/20/97 01/16/97 03/20/97 01/16/97				
10 NCAC 03R .3034	10.21 NCR 2699		11.08 NCR 452	S/L/SE						
10 NCAC 03R .3035	10.21 NCR 2699		11.08 NCR 452	S/L/SE						
10 NCAC 03R .3036	10.21 NCR 2699		11.08 NCR 452	S/L/SE						
10 NCAC 03R .3037	10.21 NCR 2699		11.08 NCR 452	S/L/SE						
10 NCAC 03R .3038	10.21 NCR 2699		11.08 NCR 452	S/L/SE						
10 NCAC 03R .3040	10.23 NCR 2956		11.06 NCR 328	S/L/SE						

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10 NCAC 03R .3050	10:23 NCR 2956		11:06 NCR 328	S/L/SE						
10 NCAC 03R .3051		11:21 NCR 1655	12:04 NCR 246	*						
10 NCAC 03R .3052		11:21 NCR 1655	12:04 NCR 246	*						
10 NCAC 03R .3053		11:21 NCR 1655	12:04 NCR 246	*						
10 NCAC 03R .3053		11:22 NCR 1713								
10 NCAC 03R .3054		11:21 NCR 1655	12:04 NCR 246	*						
10 NCAC 03R .3055		11:21 NCR 1655	12:04 NCR 246	*						
10 NCAC 03R .3056		11:21 NCR 1655	12:04 NCR 246	*						
10 NCAC 03R .3057		11:21 NCR 1655	12:04 NCR 246	*						
10 NCAC 03R .3058		11:21 NCR 1655	12:04 NCR 246	*						
10 NCAC 03R .3059		11:21 NCR 1655	12:04 NCR 246	*						
10 NCAC 03R .3060		11:21 NCR 1655	12:04 NCR 246	*						
10 NCAC 03R .3061		11:21 NCR 1655	12:04 NCR 246	*						
10 NCAC 03R .3062		11:21 NCR 1655	12:04 NCR 246	*						
10 NCAC 03R .3063		11:21 NCR 1655	12:04 NCR 246	*						
10 NCAC 03R .3064		11:21 NCR 1655	12:04 NCR 246	*						
10 NCAC 03R .3065		11:21 NCR 1655	12:04 NCR 246	*						
10 NCAC 03R .3066		11:21 NCR 1655	12:04 NCR 246	*						
10 NCAC 03R .3067		11:21 NCR 1655	12:04 NCR 246	*						
10 NCAC 03R .3068		11:21 NCR 1655	12:04 NCR 246	*						
10 NCAC 03R .3069		11:21 NCR 1655	12:04 NCR 246	*						
10 NCAC 03R .3070		11:21 NCR 1655	12:04 NCR 246	*						
10 NCAC 03R .3071		11:21 NCR 1655	12:04 NCR 246	*						
10 NCAC 03R .3072		11:21 NCR 1655	12:04 NCR 246	S/L/SE						
10 NCAC 03R .3073		11:21 NCR 1655	12:04 NCR 246	S/L/SE						
10 NCAC 03R .3074		11:21 NCR 1655	12:04 NCR 246	S/L/SE						
10 NCAC 03R .3075		11:21 NCR 1655	12:04 NCR 246	*						
10 NCAC 03R .3076		11:21 NCR 1655	12:04 NCR 246	S/L/SE						

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					Action	Date				
10 NCAC 03R .3077		11:21 NCR 1655	12:04 NCR 246	*						
10 NCAC 03R .3078		11:21 NCR 1655	12:04 NCR 246	S/L/SE						
10 NCAC 03R .3079		11:21 NCR 1655	12:04 NCR 246	S/L/SE						
10 NCAC 03R .3080		11:21 NCR 1655	12:04 NCR 246	*						
10 NCAC 03R .3081		11:21 NCR 1655	12:04 NCR 246	*						
10 NCAC 03R .3082		11:21 NCR 1655	12:04 NCR 246	*						
10 NCAC 03R .3083		11:21 NCR 1655	12:04 NCR 246	*						
10 NCAC 03R .3084		11:21 NCR 1655	12:04 NCR 246	*						
10 NCAC 03R .3085		11:21 NCR 1655	12:04 NCR 246	*						
10 NCAC 03R .3086		11:21 NCR 1655	12:04 NCR 246	*						
10 NCAC 03R .3087		11:21 NCR 1655	12:04 NCR 246	*						
10 NCAC 03R .3088		11:21 NCR 1655	12:04 NCR 246	*						
10 NCAC 03R 6001	11:22 NCR 1704									
Medical Assistance										
Medicaid Disproportionate Share List										
10 NCAC 26B .0113	10:16 NCR 1721		11:28 NCR 2118	S/L						12:02 NCR 46
10 NCAC 26B .0123		11:19 NCR 1436	11:24 NCR 1824	*	Approve	06/19/97	*		12:03 NCR 213	
10 NCAC 26G .0707	11:08 NCR 450	11:15 NCR 1205	11:18 NCR 1371	*	Approve	04/17/97			11:29 NCR 2211	
10 NCAC 26H .0101	11:14 NCR 1108									
10 NCAC 26H .0102	11:14 NCR 1108									
10 NCAC 26H .0104	11:16 NCR 1268		11:23 NCR 1781	S/L	Approve	05/15/97	*		11:30 NCR 2314	
10 NCAC 26H .0212		11:15 NCR 1205	Temp Expired							
10 NCAC 26H .0213		11:15 NCR 1205	Temp Expired							
10 NCAC 26H .0213	11:18 NCR 1368									
10 NCAC 26H .0213		11:26 NCR 1997								
10 NCAC 26H .0506	10:21 NCR 2686									
10 NCAC 26H .0506		11:19 NCR 1438	11:29 NCR 2205	S/L/SE						
10 NCAC 26H .0602		12:04 NCR 313								

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					Action	Date				
10 NCAC 26K .0106	12:05 NCR 337									
10 NCAC 26M .0203	12:05 NCR 337									
10 NCAC 50B .0202		11:10 NCR 841	11:28 NCR 2118	*	Approve	07/17/97	*		12:04 NCR 317	
10 NCAC 50B .0404		11:10 NCR 841	11:28 NCR 2118	L	Approve	07/17/97			12:04 NCR 317	
10 NCAC 50B .0409		11:10 NCR 841	11:28 NCR 2118	*	Approve	07/17/97			12:04 NCR 317	
10 NCAC 50D .0101	10:24 NCR 3057	11:04 NCR 196	Temp Expired							
10 NCAC 50D .0102	10:24 NCR 3057	11:04 NCR 196	Temp Expired							
10 NCAC 50D .0103	10:24 NCR 3057	11:04 NCR 196	Temp Expired							
10 NCAC 50D .0201	10:24 NCR 3057	11:04 NCR 196	Temp Expired							
10 NCAC 50D .0301	10:24 NCR 3057	11:04 NCR 196	Temp Expired							
10 NCAC 50D .0302	10:24 NCR 3057	11:04 NCR 196	Temp Expired							
10 NCAC 50D .0401	10:24 NCR 3057	11:04 NCR 196	Temp Expired							
10 NCAC 50D .0402	10:24 NCR 3057	11:04 NCR 196	Temp Expired							
10 NCAC 50D .0501	10:24 NCR 3057	11:04 NCR 196	Temp Expired							
10 NCAC 50D .0502	10:24 NCR 3057	11:04 NCR 196	Temp Expired							
10 NCAC 50D .0503	10:24 NCR 3057	11:04 NCR 196	Temp Expired							
Medical Care Commission										
10 NCAC 03B	11:16 NCR 1268									
10 NCAC 03B .1001		11:20 NCR 1560	11:29 NCR 2187	*						
10 NCAC 03B .1002		11:20 NCR 1560	11:29 NCR 2187	*						
10 NCAC 03C .3707	11:20 NCR 1534		11:29 NCR 2187	*						
10 NCAC 03D .0801	11:23 NCR 1779		12:05 NCR 339	*						
10 NCAC 03D .0802	11:23 NCR 1779		12:05 NCR 339	S/L						
10 NCAC 03D .0803	11:23 NCR 1779		12:05 NCR 339	*						
10 NCAC 03D .0806	11:23 NCR 1779		12:05 NCR 339	*						
10 NCAC 03D .0901	11:23 NCR 1779		12:05 NCR 339	*						
10 NCAC 03D .0902	11:23 NCR 1779		12:05 NCR 339	*						
10 NCAC 03D .0904	11:23 NCR 1779		12:05 NCR 339	*						

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10 NCAC 03D .0905	11-23 NCR 1779		12-05 NCR 339	*						
10 NCAC 03D .0907	11-23 NCR 1779		12-05 NCR 339	*						
10 NCAC 03D .0908	11-23 NCR 1779		12-05 NCR 339	*						
10 NCAC 03D .0909	11-23 NCR 1779		12-05 NCR 339	*						
10 NCAC 03D .0911	11-23 NCR 1779		12-05 NCR 339	*						
10 NCAC 03D .0913	11-23 NCR 1779		12-05 NCR 339	*						
10 NCAC 03D .0915	11-23 NCR 1779		12-05 NCR 339	*						
10 NCAC 03D .0916	11-23 NCR 1779		12-05 NCR 339	*						
10 NCAC 03D .0917	11-23 NCR 1779		12-05 NCR 339	*						
10 NCAC 03D .0918	11-23 NCR 1779		12-05 NCR 339	*						
10 NCAC 03D .0919	11-23 NCR 1779		12-05 NCR 339	*						
10 NCAC 03D .0920	11-23 NCR 1779		12-05 NCR 339	*						
10 NCAC 03D .0921	11-23 NCR 1779		12-05 NCR 339	*						
10 NCAC 03D .0922	11-23 NCR 1779		12-05 NCR 339	*						
10 NCAC 03D .0923	11-23 NCR 1779		12-05 NCR 339	*						
10 NCAC 03D .0924	11-23 NCR 1779		12-05 NCR 339	S/L						
10 NCAC 03D .0925	11-23 NCR 1779		12-05 NCR 339	*						
10 NCAC 03D .0926	11-23 NCR 1779		12-05 NCR 339	*						
10 NCAC 03D .1001	11-23 NCR 1779		12-05 NCR 339	S/L						
10 NCAC 03D .1002	11-23 NCR 1779		12-05 NCR 339	S/L						
10 NCAC 03D .1003	11-23 NCR 1779		12-05 NCR 339	S/L						
10 NCAC 03D .1004	11-23 NCR 1779		12-05 NCR 339	*						
10 NCAC 03D .1103	11-23 NCR 1779		12-05 NCR 339	*						
10 NCAC 03D .1202	11-23 NCR 1779		12-05 NCR 339	S/L						
10 NCAC 03D .1203	11-23 NCR 1779		12-05 NCR 339	*						
10 NCAC 03D .1204	11-23 NCR 1779		12-05 NCR 339	*						
10 NCAC 03D .1205	11-23 NCR 1779		12-05 NCR 339	S/L						
10 NCAC 03D .1206	11-23 NCR 1779		12-05 NCR 339	S/L						

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10 NCAC 03D .1301	11:23 NCR 1779		12:05 NCR 339	*						
10 NCAC 03D .1302	11:23 NCR 1779		12:05 NCR 339	*						
10 NCAC 03D .1401	11:23 NCR 1779		12:05 NCR 339	*						
10 NCAC 03D .1403	11:23 NCR 1779		12:05 NCR 339	*						
10 NCAC 03D .1500	11:23 NCR 1779									
10 NCAC 03D .2001	10:18 NCR 2399		11:29 NCR 2187	*						
10 NCAC 03D .2101	10:18 NCR 2399		11:29 NCR 2187	*						
10 NCAC 03D .2102	10:18 NCR 2399		11:29 NCR 2187	*						
10 NCAC 03D .2103	10:18 NCR 2399		11:29 NCR 2187	*						
10 NCAC 03D .2104	10:18 NCR 2399		11:29 NCR 2187	*						
10 NCAC 03D .2105	10:18 NCR 2399		11:29 NCR 2187	*						
10 NCAC 03D .2106	10:18 NCR 2399		11:29 NCR 2187	*						
10 NCAC 03D .2201	10:18 NCR 2399		11:29 NCR 2187	*						
10 NCAC 03D .2202	10:18 NCR 2399		11:29 NCR 2187	*						
10 NCAC 03D .2203	10:18 NCR 2399		11:29 NCR 2187	*						
10 NCAC 03D .2301	10:18 NCR 2399		11:29 NCR 2187	*						
10 NCAC 03D .2302	10:18 NCR 2399		11:29 NCR 2187	*						
10 NCAC 03D .2303	10:18 NCR 2399		11:29 NCR 2187	*						
10 NCAC 03D .2401	10:18 NCR 2399		11:29 NCR 2187	*						
10 NCAC 03M	11:23 NCR 1779									
Mental Health, Developmental Disabilities and Substance Abuse Services										
10 NCAC 14V .3402	11:08 NCR 449		11:14 NCR 1124	*	Withdrawn	01/16/97			11:30 NCR 2314	
10 NCAC 14V .3803	11:08 NCR 449		11:24 NCR 1822	*	Approve	05/15/97	*			
10 NCAC 14V .5602	11:08 NCR 449		11:14 NCR 1124	*	Withdrawn	01/16/97			11:30 NCR 2314	
10 NCAC 14V .7006		12:01 NCR 31	11:24 NCR 1822	*	Approve	05/15/97	*			
10 NCAC 14V .7101	11:30 NCR 2300			*	Withdrawn	01/16/97			11:30 NCR 2314	
10 NCAC 14V .7102	11:30 NCR 2300			*	Approve	05/15/97				
10 NCAC 14V .7103	11:30 NCR 2300			*	Approve	05/15/97			11:30 NCR 2314	

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Social Services Commission										
10 NCAC 35E .0101		11:16 NCR 1288	11:30 NCR 2301	*	Approve	08/21/97	*			
10 NCAC 35E .0105		11:16 NCR 1288	11:30 NCR 2301	*	Approve	08/21/97	*			
10 NCAC 35E .0106		11:16 NCR 1288	11:30 NCR 2301	*	Approve	08/21/97	*			
10 NCAC 35E .0308		11:16 NCR 1288	11:30 NCR 2301	*	Approve	08/21/97	*			
10 NCAC 411 .0100	10:17 NCR 2228									
10 NCAC 411 .0102	10:17 NCR 2228		10:21 NCR 2687	*						
10 NCAC 42J .0001		11:16 NCR 1288	11:30 NCR 2301	*	Approve	08/21/97	*			
10 NCAC 42J .0004		11:16 NCR 1288	11:30 NCR 2301	*	Approve	08/21/97				
10 NCAC 42J .0005		11:16 NCR 1288	11:30 NCR 2301	*	Object	08/21/97				
INSURANCE										
N.C. Home Inspector Licensure Board										
11 NCAC 08 .1001		11:15 NCR 1212	11:19 NCR 1416	*	Agency Withdrawn 03/97	06/19/97			12-03 NCR 213	11:27 NCR 2049 Temp Filed over obj
11 NCAC 08 .1002		11:15 NCR 1212	11:25 NCR 1906	*	Approve	06/19/97				Temp Filed over obj
11 NCAC 08 .1003		11:15 NCR 1212	11:25 NCR 1906	*	Approve	06/19/97			12-03 NCR 213	Temp Filed over obj
11 NCAC 08 .1004		11:15 NCR 1212	11:19 NCR 1416	*	Agency Withdrawn 03/97	06/19/97			12-03 NCR 213	Temp Filed over obj
11 NCAC 08 .1005		11:15 NCR 1212	11:25 NCR 1906	*	Approve	06/19/97	*		12-03 NCR 213	Temp Filed over obj
11 NCAC 08 .1006		11:15 NCR 1212	11:19 NCR 1416	*	Agency Withdrawn 03/97	06/19/97			12-03 NCR 213	Temp Filed over obj
11 NCAC 08 .1007		11:15 NCR 1212	11:25 NCR 1906	*	Approve	06/19/97			12-03 NCR 213	Temp Filed over obj
11 NCAC 08 .1008		11:15 NCR 1212	11:19 NCR 1416	*	Agency Withdrawn 03/97	06/19/97			12-03 NCR 213	Temp Filed over obj
11 NCAC 08 .1009		11:15 NCR 1212	11:25 NCR 1906	*	Approve	06/19/97			12-03 NCR 213	Temp Filed over obj
11 NCAC 08 .1010		11:15 NCR 1212	11:19 NCR 1416	*	Agency Withdrawn 03/97	06/19/97			12-03 NCR 213	Temp Filed over obj
11 NCAC 08 .1011		11:15 NCR 1212	11:25 NCR 1906	*	Approve	06/19/97			12-03 NCR 213	Temp Filed over obj
11 NCAC 08 .1101		11:15 NCR 1212	11:19 NCR 1416	*	Agency Withdrawn 03/97	06/19/97			12-03 NCR 213	Temp Filed over obj
11 NCAC 08 .1102		11:15 NCR 1212	11:25 NCR 1906	*	Approve	06/19/97			12-03 NCR 213	Temp Filed over obj

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11 NCAC 08 .1103		11.15 NCR 1212	11:25 NCR 1906	*	Approve	06/19/97			12.03 NCR 213	Temp Filed over obj
			11:19 NCR 1416	*	Agency Withdraw 03/97					
11 NCAC 08 .1104		11.15 NCR 1212	11:25 NCR 1906	*	Approve	06/19/97			12.03 NCR 213	Temp Filed over obj
			11:19 NCR 1416	*	Agency Withdraw 03/97					
11 NCAC 08 .1105		11.15 NCR 1212	11:25 NCR 1906	*	Approve	06/19/97			12.03 NCR 213	Temp Filed over obj
			11:19 NCR 1416	*	Agency Withdraw 03/97					
11 NCAC 08 .1106		11.15 NCR 1212	11:25 NCR 1906	*	Approve	06/19/97			12.03 NCR 213	Temp Filed over obj
			11:19 NCR 1416	*	Agency Withdraw 03/97					
11 NCAC 08 .1107		11.15 NCR 1212	11:25 NCR 1906	*	Approve	06/19/97			12.03 NCR 213	Temp Filed over obj
			11:19 NCR 1416	*	Agency Withdraw 03/97					
11 NCAC 08 .1108		11.15 NCR 1212	11:25 NCR 1906	*	Approve	06/19/97			12.03 NCR 213	Temp Filed over obj
			11:19 NCR 1416	*	Agency Withdraw 03/97					
11 NCAC 08 .1109		11.15 NCR 1212	11:25 NCR 1906	*	Approve	06/19/97			12.03 NCR 213	Temp Filed over obj
			11:19 NCR 1416	*	Agency Withdraw 03/97					
11 NCAC 08 .1110		11.15 NCR 1212	11:25 NCR 1906	*	Approve	06/19/97			12.03 NCR 213	Temp Filed over obj
			11:19 NCR 1416	*	Agency Withdraw 03/97					
11 NCAC 08 .1111		11.15 NCR 1212	11:25 NCR 1906	*	Approve	06/19/97			12.03 NCR 213	Temp Filed over obj
			11:19 NCR 1416	*	Agency Withdraw 03/97					
11 NCAC 08 .1112		11.15 NCR 1212	11:25 NCR 1906	*	Approve	06/19/97			12.03 NCR 213	Temp Filed over obj
			11:19 NCR 1416	*	Agency Withdraw 03/97					
11 NCAC 08 .1113		11.15 NCR 1212	11:25 NCR 1906	*	Approve	06/19/97			12.03 NCR 213	Temp Filed over obj
			11:19 NCR 1416	*	Agency Withdraw 03/97					
11 NCAC 08 .1114		11.15 NCR 1212	11:25 NCR 1906	*	Approve	06/19/97			12.03 NCR 213	Temp Filed over obj
			11:19 NCR 1416	*	Agency Withdraw 03/97					
11 NCAC 08 .1115		11.15 NCR 1212	11:25 NCR 1906	*	Approve	06/19/97			12.03 NCR 213	Temp Filed over obj
			11:19 NCR 1416	*	Agency Withdraw 03/97					
11 NCAC 08 .1116		11.15 NCR 1212	11:25 NCR 1906	*	Approve	06/19/97			12.03 NCR 213	Temp Filed over obj
			11:19 NCR 1416	*	Agency Withdraw 03/97					
11 NCAC 08 .1201		11.15 NCR 1212	11:25 NCR 1906	*	Approve	06/19/97			12.03 NCR 213	Temp Filed over obj
			11:19 NCR 1416	*	Agency Withdraw 03/97					
11 NCAC 08 .1202		11.15 NCR 1212	11:25 NCR 1906	*	Approve	06/19/97			12.03 NCR 213	Temp Filed over obj
			11:19 NCR 1416	*	Agency Withdraw 03/97					
11 NCAC 08 .1203		11.15 NCR 1212	11:25 NCR 1906	*	Approve	06/19/97			12.03 NCR 213	Temp Filed over obj
			11:19 NCR 1416	*	Agency Withdraw 03/97					
11 NCAC 08 .1204		11.15 NCR 1212	11:25 NCR 1906	*	Approve	06/19/97			12.03 NCR 213	Temp Filed over obj
			11:19 NCR 1416	*	Agency Withdraw 03/97					
11 NCAC 08 .1205		11.15 NCR 1212	11:25 NCR 1906	*	Approve	06/19/97			12.03 NCR 213	Temp Filed over obj
			11:19 NCR 1416	*	Agency Withdraw 03/97					
11 NCAC 08 .1206		11.15 NCR 1212	11:25 NCR 1906	*	Approve	06/19/97			12.03 NCR 213	Temp Filed over obj
			11:19 NCR 1416	*	Agency Withdraw 03/97					
11 NCAC 08 .1207		11.15 NCR 1212	11:25 NCR 1906	*	Approve	06/19/97			12.03 NCR 213	Temp Filed over obj
			11:19 NCR 1416	*	Agency Withdraw 03/97					

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11 NCAC 08 .1208		11:15 NCR 1212	11:25 NCR 1906	*	Approve	06/19/97			12:03 NCR 213	Temp Filed over obj
			11:19 NCR 1416	*	Agency Withdraw	03/97				
11 NCAC 08 .1209		11:15 NCR 1212	11:25 NCR 1906	*	Approve	06/19/97			12:03 NCR 213	Temp Filed over obj
			11:19 NCR 1416	*	Agency withdrew	03/97				
11 NCAC 10 .0602		11:15 NCR 1223	11:25 NCR 1906	*	Approve	06/19/97			12:03 NCR 213	
			11:19 NCR 1426	*	Approve	03/20/97	*		11:26 NCR 2004	
11 NCAC 10 .0603		11:15 NCR 1223	11:19 NCR 1426	*	Approve	03/20/97	*		11:26 NCR 2004	
11 NCAC 10 .0606		11:15 NCR 1223	11:19 NCR 1426	*	Approve	03/20/97	*		11:26 NCR 2004	
JUSTICE										
Alarm Systems Licensing Board										
12 NCAC 11	11:30 NCR 2300									
12 NCAC 11 .0202	10:24 NCR 3057		11:14 NCR 1136	*	Tabled	06/19/97				
					Approve	08/21/97				
Criminal Justice Education and Training Standards Commission										
12 NCAC 09A .0103	11:14 NCR 1109		11:20 NCR 1539	*	Approve	04/17/97			11:29 NCR 2211	
12 NCAC 09B .0102	11:14 NCR 1109		11:20 NCR 1539	*	Object	04/17/97				
12 NCAC 09B .0111	11:14 NCR 1109		11:20 NCR 1539	*	Approve	05/15/97	*		11:30 NCR 2314	
12 NCAC 09B .0206	11:14 NCR 1109		11:20 NCR 1539	*	Approve	04/17/97			11:29 NCR 2211	
12 NCAC 09B .0224	11:14 NCR 1109		11:20 NCR 1539	*	Approve	04/17/97			11:29 NCR 2211	
12 NCAC 09B .0225	11:14 NCR 1109		11:20 NCR 1539	*	Approve	04/17/97			11:29 NCR 2211	
12 NCAC 09B .0409	11:14 NCR 1109		11:20 NCR 1539	*	Approve	04/17/97			11:29 NCR 2211	
12 NCAC 09C .0304	11:14 NCR 1109		11:20 NCR 1539	*	Approve	04/17/97			11:29 NCR 2211	
12 NCAC 09C .0307	11:14 NCR 1109		11:20 NCR 1539	*	Approve	04/17/97	*		11:29 NCR 2211	
12 NCAC 09C .0309	11:14 NCR 1109		11:20 NCR 1539	*	Approve	04/17/97			11:29 NCR 2211	
12 NCAC 09C .0601	11:14 NCR 1109		11:20 NCR 1539	*	Approve	04/17/97			11:29 NCR 2211	
12 NCAC 09C .0602	11:14 NCR 1109		11:20 NCR 1539	*	Approve	04/17/97			11:29 NCR 2211	
12 NCAC 09C .0603	11:14 NCR 1109		11:20 NCR 1539	*	Approve	04/17/97			11:29 NCR 2211	
12 NCAC 09C .0604	11:14 NCR 1109		11:20 NCR 1539	*	Approve	04/17/97			11:29 NCR 2211	
12 NCAC 09C .0605	11:14 NCR 1109		11:20 NCR 1539	*	Approve	04/17/97			11:29 NCR 2211	
12 NCAC 09C .0606	11:14 NCR 1109		11:20 NCR 1539	*	Approve	04/17/97			11:29 NCR 2211	

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12 NCAC 09C .0607	11-14 NCR 1109		11-20 NCR 1539	*	Approve	04/17/97			11-29 NCR 2211	
12 NCAC 09C .0608	11-14 NCR 1109		11-20 NCR 1539	*	Approve	04/17/97			11-29 NCR 2211	
Private Protective Services Board										
12 NCAC 07D	11-10 NCR 818									
12 NCAC 07D	11-16 NCR 1268									
12 NCAC 07D .0100	11-16 NCR 1268									
12 NCAC 07D .0104	11-16 NCR 1268									
12 NCAC 07D .0201	11-10 NCR 818									
12 NCAC 07D .0204	11-14 NCR 1108									
12 NCAC 07D .0504	11-10 NCR 818									
12 NCAC 07D .0701	11-10 NCR 818									
12 NCAC 07D .0801	11-10 NCR 818									
12 NCAC 07D .0902	11-10 NCR 818									
12 NCAC 07D .1106	11-14 NCR 1108									
Sheriffs' Education and Training Standards Commission										
12 NCAC 10B .0101	12-04 NCR 242									
12 NCAC 10B .0202	12-04 NCR 242									
12 NCAC 10B .0204	12-04 NCR 242									
12 NCAC 10B .0206	12-04 NCR 242									
12 NCAC 10B .0304	12-04 NCR 242									
12 NCAC 10B .0505	12-04 NCR 242									
12 NCAC 10B .0601	12-04 NCR 242									
12 NCAC 10B .0603	12-04 NCR 242									
12 NCAC 10B .0605	12-04 NCR 242									
12 NCAC 10B .0702	12-04 NCR 242									
12 NCAC 10B .0703	12-04 NCR 242									
12 NCAC 10B .0704	12-04 NCR 242									
12 NCAC 10B .0705	12-04 NCR 242									

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					Action	Date				
12 NCAC 10B .0706	12:04 NCR 242									
12 NCAC 10B .0801	12:04 NCR 242									
12 NCAC 10B .0802	12:04 NCR 242									
12 NCAC 10B .0903	12:04 NCR 242									
12 NCAC 10B .0908	12:04 NCR 242									
12 NCAC 10B .0909	12:04 NCR 242									
12 NCAC 10B .0910	12:04 NCR 242									
12 NCAC 10B .0911	12:04 NCR 242									
12 NCAC 10B 1002	12:04 NCR 242									
12 NCAC 10B 1004	12:04 NCR 242									
12 NCAC 10B 1005	12:04 NCR 242									
12 NCAC 10B 1006	12:04 NCR 242									
12 NCAC 10B 1101	12:04 NCR 242									
12 NCAC 10B 1102	12:04 NCR 242									
12 NCAC 10B 1103	12:04 NCR 242									
12 NCAC 10B 1104	12:04 NCR 242									
12 NCAC 10B 1105	12:04 NCR 242									
12 NCAC 10B 1202	12:04 NCR 242									
12 NCAC 10B 1204	12:04 NCR 242									
12 NCAC 10B 1205	12:04 NCR 242									
12 NCAC 10B 1206	12:04 NCR 242									
State Bureau of Investigation/Division of Criminal Information										
12 NCAC 04E .0103	11:11 NCR 881		11:17 NCR 1339	*	Approve	05/15/97			11:30 NCR 2314	
12 NCAC 04E .0104	11:17 NCR 1336		11:22 NCR 1710	*	Approve	07/17/97	*		12:04 NCR 317	
12 NCAC 04E .0401	11:17 NCR 1336		11:22 NCR 1710	*	Approve	07/17/97			12:04 NCR 317	
12 NCAC 04E .0404	11:17 NCR 1336		11:22 NCR 1710	*	Approve	07/17/97	*		12:04 NCR 317	
12 NCAC 04E .0405	11:17 NCR 1336		11:22 NCR 1710	*	Approve	07/17/97	*		12:04 NCR 317	

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					Action	Date				
Boiler & Pressure Vessel										
13 NCAC 13 .0213		11-25 NCR 1918								
Occupational Safety and Health										
13 NCAC 07A .0302	11-26 NCR 1984		12-03 NCR 170	*						
13 NCAC 07A .0708	11-26 NCR 1984		12-03 NCR 170	*						
13 NCAC 07A .0900	11-11 NCR 881									
13 NCAC 07F	11-03 NCR 106									
13 NCAC 07F .0101	11-24 NCR 1817		12-05 NCR 354	*						
13 NCAC 07F .0101	11-26 NCR 1984		12-03 NCR 170	*						
13 NCAC 07F .0102	11-26 NCR 1984		12-03 NCR 170	*						
13 NCAC 07F .0201	11-03 NCR 106									
13 NCAC 07F .0201	11-09 NCR 568									
13 NCAC 07F .0201	11-24 NCR 1817		12-02 NCR 60	*						
13 NCAC 07F .0201	11-26 NCR 1984		12-03 NCR 170	*						
13 NCAC 07F .0301	11-03 NCR 106									
13 NCAC 07F .0301	11-26 NCR 1984		12-03 NCR 170	*						
13 NCAC 07F .0426	11-26 NCR 1984		12-03 NCR 170	*						
13 NCAC 07F .0501	11-26 NCR 1984		12-03 NCR 170	*						
13 NCAC 07F .0502	11-26 NCR 1984		12-03 NCR 170	*						
13 NCAC 16 .0101	11-26 NCR 1984		12-05 NCR 412	*						
13 NCAC 16 .0102	11-26 NCR 1984		12-05 NCR 412	*						
13 NCAC 16 .0103	11-26 NCR 1984		12-05 NCR 412	*						
13 NCAC 16 .0201	11-26 NCR 1984		12-05 NCR 412	*						
13 NCAC 16 .0202	11-26 NCR 1984		12-05 NCR 412	*						
13 NCAC 16 .0203	11-26 NCR 1984		12-05 NCR 412	*						
13 NCAC 16 .0204	11-26 NCR 1984		12-05 NCR 412	*						
13 NCAC 16 .0205	11-26 NCR 1984		12-05 NCR 412	*						
13 NCAC 16 .0206	11-26 NCR 1984		12-05 NCR 412	*						

republic/11-24 NCR 1817

republished 11-24 NCR 1817

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					Action	Date				
13 NCAC 16 .0207	11:26 NCR 1984		12:05 NCR 412	*						
13 NCAC 16 .0208	11:26 NCR 1984		12:05 NCR 412	*						
13 NCAC 16 .0301	11:26 NCR 1984		12:05 NCR 412	*						
13 NCAC 16 .0302	11:26 NCR 1984		12:05 NCR 412	*						
13 NCAC 16 .0303	11:26 NCR 1984		12:05 NCR 412	*						
13 NCAC 16 .0401	11:26 NCR 1984		12:05 NCR 412	*						
13 NCAC 16 .0402	11:26 NCR 1984		12:05 NCR 412	*						
13 NCAC 16 .0501	11:26 NCR 1984		12:05 NCR 412	*						
13 NCAC 16 .0502	11:26 NCR 1984		12:05 NCR 412	*						
13 NCAC 16 .0601	11:26 NCR 1984		12:05 NCR 412	*						
13 NCAC 16 .0602	11:26 NCR 1984		12:05 NCR 412	*						
MEDICAL BOARD										
21 NCAC 32B	11:18 NCR 1369									
21 NCAC 32B	12:04 NCR 245									
21 NCAC 32F .0103		11:18 NCR 1386	12:04 NCR 294	*						
		Temp Expired								
21 NCAC 32H .0102	11:26 NCR 1986		12:04 NCR 294	*						
21 NCAC 32H .0201	11:26 NCR 1986		12:04 NCR 294	*						
21 NCAC 32H .0202	11:26 NCR 1986		12:04 NCR 294	*						
21 NCAC 32H .0203	11:26 NCR 1986		12:04 NCR 294	*						
21 NCAC 32H .0301	11:26 NCR 1986		12:04 NCR 294	*						
21 NCAC 32H .0302	11:26 NCR 1986		12:04 NCR 294	*						
21 NCAC 32H .0303	11:26 NCR 1986		12:04 NCR 294	*						
21 NCAC 32H .0401	11:26 NCR 1986		12:04 NCR 294	*						
21 NCAC 32H .0402	11:26 NCR 1986		12:04 NCR 294	*						
21 NCAC 32H .0402		12:04 NCR 314								
21 NCAC 32H .0403	11:26 NCR 1986		12:04 NCR 294	*						
21 NCAC 32H .0404	11:26 NCR 1986		12:04 NCR 294	*						

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21 NCAC 32H .0405	11:26 NCR 1986		12:04 NCR 294	*						
21 NCAC 32H .0406	11:26 NCR 1986		12:04 NCR 294	L						
21 NCAC 32H .0407	11:26 NCR 1986		12:04 NCR 294	*						
21 NCAC 32H .0408	11:26 NCR 1986		12:04 NCR 294	*						
21 NCAC 32H .0409	11:26 NCR 1986		12:04 NCR 294	*						
21 NCAC 32H .0501	11:26 NCR 1986		12:04 NCR 294	*						
21 NCAC 32H .0502	11:26 NCR 1986		12:04 NCR 294	*						
21 NCAC 32H .0503	11:26 NCR 1986		12:04 NCR 294	*						
21 NCAC 32H .0504	11:26 NCR 1986		12:04 NCR 294	L						
21 NCAC 32H .0505	11:26 NCR 1986		12:04 NCR 294	*						
21 NCAC 32H .0506	11:26 NCR 1986		12:04 NCR 294	*						
21 NCAC 32H .0507	11:26 NCR 1986		12:04 NCR 294	*						
21 NCAC 32H .0508	11:26 NCR 1986		12:04 NCR 294	*						
21 NCAC 32H .0601	11:26 NCR 1986		12:04 NCR 294	*						
21 NCAC 32H .0602	11:26 NCR 1986		12:04 NCR 294	*						
21 NCAC 32H .0801	11:26 NCR 1986		12:04 NCR 294	*						
21 NCAC 32H .0901	11:26 NCR 1986		12:04 NCR 294	*						
21 NCAC 32H .1004	11:26 NCR 1986		12:04 NCR 294	*						
21 NCAC 320	11:18 NCR 1369									
NURSING, BOARD OF										
21 NCAC 36 .0109	11:24 NCR 1821		11 28 NCR 2130	*						
21 NCAC 36 .0227	12:05 NCR 338									
21 NCAC 36 .0320	11:14 NCR 1109		11 19 NCR 1428	*	Object Approve	03/20/97 04/17/97	*		11:29 NCR 2211	
21 NCAC 36 .0601	12:01 NCR 5									
21 NCAC 36 .0602	12:01 NCR 5									
21 NCAC 36 .0603	12:01 NCR 5									
21 NCAC 36 .0604	12:01 NCR 5									
21 NCAC 36 .0605	12:01 NCR 5									

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21 NCAC 36 .0606 12:01 NCR 5										
NURSING HOME ADMINISTRATORS										
21 NCAC 37D .0202		11:11 NCR 940	11:18 NCR 1372	*	Approve	04/17/97	*		11:29 NCR 2211	
21 NCAC 37G .0102		11:11 NCR 940	11:18 NCR 1372	*	Approve	04/17/97			11:29 NCR 2211	
OPTOMETRY, BOARD OF										
21 NCAC 42B .0107	11:18 NCR 1369		11:25 NCR 1917	*						
PHARMACY, BOARD OF										
21 NCAC 46 .1601	12:03 NCR 168									
21 NCAC 46 .1603	12:03 NCR 168									
21 NCAC 46 .1604	12:03 NCR 168									
21 NCAC 46 .1804	12:03 NCR 168									
21 NCAC 46 .1810	12:03 NCR 168									
21 NCAC 46 .2103	12:03 NCR 168									
21 NCAC 46 .2201	12:03 NCR 168									
21 NCAC 46 .2301	12:03 NCR 168									
PSYCHOLOGY BOARD										
21 NCAC 54 .1611	12:05 NCR 338									
21 NCAC 54 .1612	12:05 NCR 338									
21 NCAC 54 .1613	12:05 NCR 338									
21 NCAC 54 .2006	12:05 NCR 338									
21 NCAC 54 .2010	12:05 NCR 338									
21 NCAC 54 .2104	12:05 NCR 338									
21 NCAC 54 .2301	12:05 NCR 338									
21 NCAC 54 .2302	12:05 NCR 338									
21 NCAC 54 .2303	12:05 NCR 338									
21 NCAC 54 .2304	12:05 NCR 338									
21 NCAC 54 .2305	12:05 NCR 338									
21 NCAC 54 .2306	12:05 NCR 338									

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21 NCAC 54 .2307	12-05 NCR 338									
21 NCAC 54 .2308	12-05 NCR 338									
21 NCAC 54 .2309	12-05 NCR 338									
21 NCAC 54 .2310	12-05 NCR 338									
21 NCAC 54 .2311	12-05 NCR 338									
21 NCAC 54 .2312	12-05 NCR 338									
21 NCAC 54 .2313	12-05 NCR 338									
21 NCAC 54 .2314	12-05 NCR 338									
21 NCAC 54 .2401	12-05 NCR 338									
21 NCAC 54 .2402	12-05 NCR 338									
21 NCAC 54 .2501	12-05 NCR 338									
21 NCAC 54 .2502	12-05 NCR 338									
21 NCAC 54 .2503	12-05 NCR 338									
21 NCAC 54 .2504	12-05 NCR 338									
21 NCAC 54 .2505	12-05 NCR 338									
21 NCAC 54 .2601	12-05 NCR 338									
21 NCAC 54 .2602	12-05 NCR 338									
21 NCAC 54 .2704	12-05 NCR 338									
21 NCAC 54 .2705	12-05 NCR 338									
21 NCAC 54 .2706	12-05 NCR 338									
PUBLIC EDUCATION										
16 NCAC 06C .0307			12-01 NCR 18	*						
16 NCAC 06C .0310		12-03 NCR 210	12-01 NCR 18	*						
16 NCAC 06D .0103			12-01 NCR 18	*						
16 NCAC 06D .0301			12-01 NCR 18	*						
16 NCAC 06D .0303			12-01 NCR 18	*						
16 NCAC 06D .0305			12-01 NCR 18	*						
16 NCAC 06D .0306			12-01 NCR 18	*						

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16 NCAC 06E .0105		12:05 NCR 433								
16 NCAC 06G .0304			12:01 NCR 18	S						
16 NCAC 06G .0305			12:01 NCR 18	*						
16 NCAC 06G .0306			12:01 NCR 18	*						
16 NCAC 06G .0307			12:01 NCR 18	S						
16 NCAC 06G .0308			12:01 NCR 18	S						
16 NCAC 06G .0309			12:01 NCR 18	S						
16 NCAC 06G .0401			12:01 NCR 18	*						
16 NCAC 06G .0402			12:01 NCR 18	*						
16 NCAC 06G .0403			12:01 NCR 18	*						
16 NCAC 06G .0404			12:01 NCR 18	*						
REAL ESTATE COMMISSION										
21 NCAC 58A .0302	10:22 NCR 2829		11:03 NCR 114	*	Object	12/19/96	*		11:22 NCR 1717	
21 NCAC 58A .1501	10:22 NCR 2829		11:03 NCR 114	*	Approve Object	01/16/97 12/19/96	*		11:22 NCR 1717	
21 NCAC 58A .1502	10:22 NCR 2829		11:03 NCR 114	*	Approve Object	01/16/97 12/19/96	*		11:22 NCR 1717	
REVENUE										
17 NCAC 01C .0506			11:10 NCR 838	*	Approve	01/16/97	*		11:22 NCR 1717	12:04 NCR 228 12:05 NCR 336
Tax Review Board										
Tax Review Board										
SPEECH AND LANGUAGE PATHOLOGISTS AND AUDIOLOGIST, BOARD OF EXAMINERS										
21 NCAC 64 .0209	11:23 NCR 1780		12:05 NCR 427	*						
21 NCAC 64 .0303	11:23 NCR 1780									
21 NCAC 64 .1001	11:23 NCR 1780		12:05 NCR 427	*						
21 NCAC 64 .1002	11:23 NCR 1780		12:05 NCR 427	*						
21 NCAC 64 .1003	11:23 NCR 1780		12:05 NCR 427	*						
21 NCAC 64 .1004	11:23 NCR 1780		12:05 NCR 427	*						
21 NCAC 64 .1005	11:23 NCR 1780		12:05 NCR 427	*						

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STATE PERSONNEL COMMISSION

25 NCAC 01D .2501		11:13 NCR 1062	11:19 NCR 1429	*						
		Temp Expired								
25 NCAC 01D .2503		11:13 NCR 1062	11:19 NCR 1429	*						
		Temp Expired								
25 NCAC 01D .2504		11:13 NCR 1062	11:19 NCR 1429	*						
		Temp Expired								
25 NCAC 01D .2505		11:13 NCR 1062	11:19 NCR 1429	*						
		Temp Expired								
25 NCAC 01D .2507		11:13 NCR 1062	11:19 NCR 1429	*						
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25 NCAC 01D .2508		11:13 NCR 1062	11:19 NCR 1429	*						
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25 NCAC 01D .2509		11:13 NCR 1062	11:19 NCR 1429	*						
		Temp Expired								
25 NCAC 01D .2511		11:13 NCR 1062	11:19 NCR 1429	*						
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25 NCAC 01D .2513		11:13 NCR 1062	11:19 NCR 1429	*						
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25 NCAC 01E .0705	11:14 NCR 1110		11:19 NCR 1434	*						
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25 NCAC 01E .0709	11:14 NCR 1110		11:19 NCR 1434	*						
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19A NCAC 02B .0164	11:20 NCR 1537		11:26 NCR 1991	*	Object	07/17/97				
					Approve	08/21/97				
19A NCAC 02B .0242	11:26 NCR 1986		12:03 NCR 207	*						
19A NCAC 02B .0303	11:26 NCR 1986		12:03 NCR 207	*						
19A NCAC 02D .0415	11:20 NCR 1537		11:26 NCR 2004	*	Approve	07/17/97			12.04 NCR 317	
19A NCAC 02E .0218	12:05 NCR 337									
19A NCAC 02E .0219	12:05 NCR 337									

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(Updated through August 26, 1997)

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					Action	Date				
19A NCAC 02E .0220	12:05 NCR 337									
19A NCAC 02E .0221	12:05 NCR 337									
19A NCAC 02E .0222	12:05 NCR 337									
Motor Vehicles, Division of										
19A NCAC 03I .0100	11:19 NCR 1413									
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19A NCAC 03I .0300	11:19 NCR 1413									
19A NCAC 03I .0400	11:19 NCR 1413									
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19A NCAC 03I .0600	11:19 NCR 1413									
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19A NCAC 03I .0800	11:19 NCR 1413									
19A NCAC 03J .0102	11:11 NCR 882		11:17 NCR 1340	*	Approve	02/20/97	*		11:24 NCR 1832	
19A NCAC 03J .0306	11:11 NCR 882		11:17 NCR 1340	*	Object	02/20/97	*		11:26 NCR 2004	
19A NCAC 03J .0308	11:11 NCR 882		11:17 NCR 1340	*	Approve	02/20/97	*		11:26 NCR 2004	
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