AGENCY: Environmental Management Commission

RULE CITATION: 15A NCAC 02D .0101

DEADLINE FOR RECEIPT: Wednesday, December 10, 2014

<u>NOTE WELL:</u> This request when viewed on computer extends several pages. Please be sure you have reached the end of the document.

The Rules Review Commission staff has completed its review of this rule prior to the Commission's next meeting. The Commission has not yet reviewed this rule and therefore there has not been a determination as to whether the rule will be approved. You may call this office to inquire concerning the staff recommendation.

In reviewing these rules, the staff determined that the following technical changes need to be made. Approval of any rule is contingent upon making technical changes as set forth in G.S. 150B-21.10.

Line 10, define or delete "specifically"

Line 14, add a comma after "substance"

Line 16, replace the comma after "structures" with a semicolon

Line 17, replace the comma after "ducts" with a semicolon

Line 22, why is the name of the CFR in quotation marks, meaning Code of Federal Regulations? On page 2, line 4, the Federal Register is not in quotation marks. Please be consistent.

Line 22. add "the" before "Code"

Line 31, add a comma after "Quality"

Page 2, line 4, add "the" before "Federal"

Page 2, line 8, define or delete "generally"

Page 2, line 8, delete the comma after "for" and delete "but not limited to,"

Page 2, line 12, add a comma after "cooking"

Page 2, lines 23 through 24; and page 3, lines 19 through 20, why are the following phrases different:

"other than combined water"
"except water in uncombined form"

Abigail M. Hammond Commission Counsel Date submitted to agency: Wednesday, November 26, 2014 Could a consistent phrase be used for these lines?

Page 2, line 37, just to clarify, is there no need to have a definition for "PM2.5 emissions"?

Page 3, line 4, define or delete "primarily"

Page 3, line 4, delete the comma after "to" and delete "but not necessarily limited to,"

Page 3, lines 8 and 24, delete the comma after "including" and delete "but not limited to,"

Page 3, line 16, add a comma after "acids"

Page 3, line 17, replace "is" with "shall be"

2 3 15A NCAC 02D .0101 **DEFINITIONS** 4 The definition of any word or phrase used in Rules of this Subchapter is the same as given in Article 21, G.S. 143, as 5 amended. The following words and phrases, which are not defined in the article, have the following meaning: 6 (1) "Act" means "The North Carolina Water and Air Resources Act." 7 (2) "Administrator" means when it appears in any Code of Federal Regulation incorporated by 8 reference in this Subchapter, the Director of the Division of Air Quality unless: 9 (a) a specific rule in this Subchapter specifies otherwise, or 10 (b) the U.S. Environmental Protection Agency in its delegation or approval specifically states 11 that a specific authority of the Administrator of the Environmental Protection Agency is 12 not included in its delegation or approval. 13 (3) "Air pollutant" means an air pollution agent or combination of such agents, including any 14 physical, chemical, biological, radioactive substance or matter emitted into or otherwise entering 15 the ambient air. 16 (4) "Ambient air" means that portion of the atmosphere outside buildings or other enclosed structures, 17 stacks or ducts, and that surrounds human, animal or plant life, or property. 18 (5) "Approved" means approved by the Director of the Division of Air Quality according to these Rules. 19 20 (6) "Capture system" means the equipment (including hoods, ducts, fans, etc.) used to contain, 21 capture, or transport a pollutant to a control device. 22 "CFR" means "Code of Federal Regulations." (7) 23 (8) "Combustible material" means any substance that, when ignited, will burn in air. 24 (9) "Construction" means change in method of operation or any physical change, including on-site 25 fabrication, erection, installation, replacement, demolition, or modification of a source, that results 26 in a change in emissions or affects the compliance status. 27 (10)"Control device" means equipment (fume incinerator, adsorber, absorber, scrubber, filter media, 28 cyclone, electrostatic precipitator, or the like) used to destroy or remove air pollutant(s) before 29 discharge to the ambient air. 30 (11)"Day" means a 24-hour period beginning at midnight. 31 (12)"Director" means the Director of the Division of Air Quality unless otherwise specified. 32 (13)"Division" means Division of Air Quality. "Dustfall" means particulate matter that settles out of the air and is expressed in units of grams per 33 (14)34 square meter per 30-day period. (15)35 "Emission" means the release or discharge, whether directly or indirectly, of any air pollutant into 36 the ambient air from any source.

15A NCAC 02D .0101 is amended with changes as published in 29:03 NCR 235-237 as follows:

1 (16)"Facility" means all of the pollutant emitting activities, except transportation facilities as defined 2 under Rule .0802 of this Subchapter, transportation facilities, that are located on one or more 3 adjacent properties under common control. 4 (17)"FR" means Federal Register. 5 (18)"Fugitive emission" means those emissions that could not reasonably pass through a stack, 6 chimney, vent, or other functionally equivalent opening. 7 (19) "Fuel burning equipment" means equipment whose primary purpose is the production of energy or 8 power from the combustion of any fuel. The equipment is generally used for, but not limited to, 9 heating water, generating or circulating steam, heating air as in warm air furnace, or furnishing 10 process heat by transferring energy by fluids or through process vessel walls. 11 (20)"Garbage" means any animal and vegetable waste resulting from the handling, preparation, 12 cooking and serving of food. 13 (21)"Incinerator" means a device designed to burn solid, liquid, or gaseous waste material. 14 (22)"Opacity" means that property of a substance tending to obscure vision and is measured as percent 15 obscuration. 16 (23)"Open burning" means any fire whose products of combustion are emitted directly into the 17 outdoor atmosphere without passing through a stack or chimney, approved incinerator, or other 18 similar device. 19 (24)"Owner or operator" means any person who owns, leases, operates, controls, or supervises a 20 facility, source, or air pollution control equipment. 21 (25)"Particulate matter" means any material except uncombined water that exists in a finely divided 22 form as a liquid or solid at standard conditions. 23 (26)"Particulate matter emissions" means all finely divided solid or liquid material, other than 24 uncombined water, emitted to the ambient air as measured by methods specified in this 25 Subchapter. 26 (27)"Permitted" means any source subject to a permit under this Subchapter or Subchapter 15A NCAC 27 02Q. 28 (28)"Person" as defined in G.S. 143-212 includes any individual, partnership, co-partnership, firm, 29 company, corporation, association, joint stock company, trust, estate, political subdivision, or any 30 other legal entity, or its legal representative, agent or assigns. 31 (29)"PM10" means particulate matter with an aerodynamic diameter less than or equal to a nominal 10 32 micrometers as measured by methods specified in this Subchapter. 33 (30)"PM10 emissions" means finely divided solid or liquid material, with an aerodynamic diameter 34 less than or equal to a nominal 10 micrometers emitted to the ambient air as measured by methods 35 specified in this Subchapter. 36 (31)PM2.5""PM2.5" means particulate matter with an aerodynamic diameter less than or equal to a 37 nominal 2.5 micrometers as measured by methods specified in this Subchapter.

1	(32)	"Refuse" means any garbage, rubbish, or trade waste.
2	(33)	"Rubbish" means solid or liquid wastes from residences, commercial establishments, or
3		institutions.
4	(34)	"Rural area" means an area that is primarily devoted to, but not necessarily limited to, the
5		following uses: agriculture, recreation, wildlife management, state park, or any area of natural
6		cover.
7	(35)	"Salvage operation" means any business, trade, or industry engaged in whole or in part in
8		salvaging or reclaiming any product or material, including, but not limited to, metal, chemicals,
9		motor vehicles, shipping containers, or drums.
10	(36)	"Smoke" means small gas-borne particles resulting from incomplete combustion, consisting
11		predominantly of carbon, ash, and other burned or unburned residue of combustible materials that
12		form a visible plume.
13	(37)	"Source" means any stationary article, machine, process equipment, or other contrivance; or any
14		combination; or any tank-truck, trailer, or railroad tank car; from which air pollutants emanate or
15		are emitted, either directly or indirectly.
16	(38)	"Sulfur oxides" means sulfur dioxide, sulfur trioxide, their acids and the salts of their acids. The
17		concentration of sulfur dioxide is measured by the methods specified in this Subchapter.
18	(39)	"Transportation facility" means a complex source as defined in G.S. 143-213(22).
19	(39) (40)	"Total suspended particulate" means any finely divided solid or liquid material, except water in
20		uncombined form, that is or has been airborne as measured by methods specified in this
21		Subchapter.
22	(40) (41)	"Trade wastes" means all solid, liquid, or gaseous waste materials or rubbish resulting from
23		combustion, salvage operations, building operations, or the operation of any business, trade, or
24		industry including, but not limited to, plastic products, paper, wood, glass, metal, paint, grease, oil
25		and other petroleum products, chemicals, and ashes.
26	(41) (42)	"ug" means micrograms.
27		
28	History Note:	Authority G.S. 143-213; 143-215.3(a)(1);
29		Eff. June 1, 1976;
30		Amended Eff. December 1, 1989; July 1, 1988; July 1, 1984;
31		Temporary Amendment Eff. March 8, 1994 for a period of 180 days or until the permanent rule
32		becomes effective, whichever is sooner;
33		Amended Eff. <u>January 1, 2015;</u> December 1, 2005; June 1, 2004; July 1, 1998; July 1, 1996;
34		July 1, 1994.
35		

2	15A NCAC 02D	.08010	0802 are repealed as published in 29:03 NCR 237 as follows:
3	15A NCAC 02D	.0801	PURPOSE AND SCOPE
4	15A NCAC 02D	.0802	DEFINITIONS
5			
6	History Note:	Author	ity G.S. 143-215.3(a)(1); 143-215.109;
7		Тетро	rary Amendment Eff. March 8, 1994 for a period of 180 days or until the permanent rule
8		become	es effective, whichever is sooner;
9		Eff. Fe	bruary 1, 1976;
10		Amend	ed Eff. February 1, 2005; July 1, 1994; July 1, 1984; December 1, 1976; <u>1976.</u>
11		<u>Repeal</u>	ed Eff. January 1, 2015.
12			

1	15A NCAC 021	D .0804 is repealed as published in 29:03 NCR 237 as follows:
2		
3	15A NCAC 02	D .0804 AIRPORT FACILITIES
4		
5	History Note:	Filed as a Temporary Amendment Eff. March 8, 1994 for a period of 180 days or until the
6		permanent rule becomes effective, whichever is sooner;
7		Authority G.S. 143-215.3(a)(1); 143-215.109;
8		Eff. February 1, 1976;
9		Amended Eff. July 1, 1996; July 1, 1994; July 1, 1984.<u>1</u>984;
10		Repealed Eff. January 1, 2015.
11		

1	15A NCAC 02D	.08050	0806 are repealed as published in 29:03 NCR 237-238 as follows:
2			
3	15A NCAC 02D	.0805	PARKING FACILITIES
4	15A NCAC 02D	.0806	AMBIENT MONITORING AND MODELING ANALYSIS
5			
6	History Note:	Authori	ty G.S. 143-215.3(a)(1); 143-215.66;143-215.109;
7		Filed as	s a Temporary Rule Eff. March 8, 1994 for a period of 180 days or until the permanent rul
8		become	s effective, whichever is sooner;
9		Eff. July	y 1, 1994;
10		Amende	ed Eff. July 1, 1996.<u>1996;</u>
11		<u>Repeale</u>	ed Eff. January 1, 2015.
12			
13			

AGENCY: Environmental Management Commission

RULE CITATION: 15A NCAC 02D .1901

DEADLINE FOR RECEIPT: Wednesday, December 10, 2014

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In reviewing these rules, the staff determined that the following technical changes need to be made. Approval of any rule is contingent upon making technical changes as set forth in G.S. 150B-21.10.

Line 9, replace "which" with "that"

1 15A NCAC 02D .1901 is amended as published in 29:03 NCR 238 as follows: 2 OPEN BURNING: PURPOSE: SCOPE 3 15A NCAC 02D .1901 4 (a) Open Burning Prohibited. A person shall not cause, allow, or permit open burning of combustible material except as allowed by Rule .1903 and Rule .1904 of this Section. 5 6 (b) Purpose. The purpose of this Section is to control air pollution resulting from the open burning of combustible 7 materials and to protect the air quality in the immediate area of the open burning. 8 (c) Scope. This Section applies to all operations involving open burning. This Section does not authorize any open 9 burning which is a crime under G.S. 14 136 through G.S. 14 140.1, G.S. 14-136, G.S. 14-137, G.S. 14-138.1 and G.S. 10 14-140.1, or affect the authority of the Division of North Carolina Forest Resources Service to issue or deny permits for open burning in or adjacent to woodlands as provided in G.S. 113-60.21 G.S. 106-940 through G.S. 113-60.31.G.S. 106-11 12 950. This Section does not affect the authority of any local government to regulate open burning through its fire codes or 13 other ordinances. The issuance of any open burning permit by the Division of North Carolina Forest Resources Service 14 or any local government does not relieve any person from the necessity of complying with this Section or any other air 15 quality rule. 16 17 History Note: Authority G.S. 143-215.3(a)(1); 143-215.107(a)(5); 18 Eff. July 1, 1996; 19 Amended Eff. January 1, 2015; July 1, 2007; June 1, 2004.

AGENCY: Environmental Management Commission

RULE CITATION: 15A NCAC 02D .1902

DEADLINE FOR RECEIPT: Wednesday, December 10, 2014

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In reviewing these rules, the staff determined that the following technical changes need to be made. Approval of any rule is contingent upon making technical changes as set forth in G.S. 150B-21.10.

Line 23 and page 2, line 31; please clarify why these terms are not in alphabetical order.

Line 30, what is the statutory authority for this Division? Also, the term is not used in any subsequent rules in this Subchapter. Please clarify the necessity for the defined term.

Line 31, insert "to" between "means start"

Line 37, is the proper term "identified" or "designated"? The referenced CFR says "designated." What is the actual meaning of "nonattainment"?

Page 2, line 4, add a comma after "work"

Page 2, lines 7 through 9, why is the text in this Rule different than 15A NCAC 02D .0101(23)? Please clarify.

Page 2, line 18, add a comma after "agency"

1	15A NCAC 02I	D.1902 is amended as published in 29:03 NCR 238-239 as follows:
2		
3	15A NCAC 02I	D.1902 DEFINITIONS
4	For the purpose	of this Section, the following definitions apply:
5	(1)	"Air Curtain Burner" means a stationary or portable combustion device that directs a plane of high
6		velocity forced draft air through a manifold head into a pit or container with vertical walls in such a
7		manner as to maintain a curtain of air over the surface of the pit and a recirculating motion of air under
8		the curtain.
9	(2)	"Air Quality Action Day Code 'Orange' or above" means an air quality index greater than 100 as
10		defined in 40 CFR Part 58, Appendix G.
11	(3)	"Air quality forecast area" means for
12		(a) Asheville air quality forecast area: Buncombe, Haywood, Henderson, Jackson, Madison,
13		Swain, Transylvania, and Yancey Counties;
14		(b) Charlotte air quality forecast area: Cabarrus, Gaston, Iredell South of Interstate 40, Lincoln,
15		Mecklenburg, Rowan, and Union Counties;
16		(c) Hickory air quality forecast area: Alexander, Burke, Caldwell, and Catawba Counties;
17		(d) Fayetteville air quality forecast area: Cumberland and Harnett Counties;
18		(e) Rocky Mount air quality forecast area: Edgecombe and Nash Counties;
19		(f) Triad air quality forecast area: Alamance, Caswell, Davidson, Davie, Forsyth, Guilford,
20		Randolph, Rockingham, and Stokes Counties; and
21		(g) Triangle air quality forecast area: Chatham, Durham, Franklin, Granville, Johnston, Person,
22		Orange, Vance, and Wake Counties.
23	(4)	"Smoke management plan" means the plan developed following the North Carolina Division of Forest
24		Resources' Service's smoke management program and approved by the North Carolina Division of
25		Forest Resources. Service. The purpose of the smoke management plan is to manage smoke from
26		prescribed burns of public and private forests to minimize the impact of smoke on air quality and
27		visibility.
28	(5)	"Dangerous materials" means explosives or containers used in the holding or transporting of
29		explosives.
30	(6)	"HHCB" means the Health Hazards Control Branch of the Division of Epidemiology.
31	(7)	"Initiated" means start or ignite a fire or reignite or rekindle a fire.
32	(8)	"Land clearing" means the uprooting or clearing of vegetation in connection with construction for
33		buildings; right-of-way maintenance; agricultural, residential, commercial, institutional, or industrial
34		development; mining activities; or the initial clearing of vegetation to enhance property value; but does
35		not include routine maintenance or property clean-up activities.
36	(9)	"Log" means any limb or trunk whose diameter exceeds six inches.
37	(10)	"Nonattainment area" means an area identified in 40 CFR 81.334 as nonattainment.

I	(11)	"Nuisance" means causing physical irritation exacerbating a documented medical condition, visibility
2		impairment, or evidence of soot or ash on property or structure other than the property on which the
3		burning is done.
4	(12)	"Occupied structure" means a building in which people may live or work or one intended for housing
5		farm or other domestic animals.
6	(13)	"Off-site" means any area not on the premises of the land-clearing activities.
7	(14)	"Open burning" means the burning of any matter in such a manner that the products of combustion
8		resulting from the burning are emitted directly into the atmosphere without passing through a stack,
9		chimney, or a permitted air pollution control device.
10	(15)	"Operator" as used in .1904(b)(6) and .1904(b)(2)(D) of this Section, means the person in operational
11		control over the open burning.
12	(16)	"Person" as used in 02D .1901(c), means:
13		(a) the person in operational control over the open burning; or
14		(b) the landowner or person in possession or control of the land when he has directly or
15		indirectly allowed the open burning or has benefited from it.
16	(17)	"Pile" means a quantity of combustible material assembled together in a mass.
17	(18)	"Public pick-up" means the removal of refuse, yard trimmings, limbs, or other plant material from a
18		residence by a governmental agency, private company contracted by a governmental agency or
19		municipal service.
20	(19)	"Public road" means any road that is part of the State highway system; or any road, street, or right-of-
21		way dedicated or maintained for public use.
22	(20)	"RACM" means regulated asbestos containing material as defined in 40 CFR 61.142.
23	(21)	"Refuse" means any garbage, rubbish, or trade waste.
24	(22)	"Regional Office Supervisor" means the supervisor of personnel of the Division of Air Quality in a
25		regional office of the Department of Environment and Natural Resources.
26	(23)	"Salvageable items" means any product or material that was first discarded or damaged and then all, or
27		part, was saved for future use, and include insulated wire, electric motors, and electric transformers.
28	(24)	"Synthetic material" means man-made material, including tires, asphalt materials such as shingles or
29		asphaltic roofing materials, construction materials, packaging for construction materials, wire,
30		electrical insulation, and treated or coated wood.
31	(25)	"Permanent site" means for an air curtain burner, a place where an air curtain burner is operated for
32		more than nine months.
33		
34	History Note:	Authority G.S. 143-212; 143-213; 143-215.3(a)(1);
35		Eff. July 1, 1996;
36		Amended Eff. <u>January 1, 2015;</u> July 1, 2007; December 1, 2005; June 1, 2004; July 1, 1998.
37		

AGENCY: Environmental Management Commission

RULE CITATION: 15A NCAC 02Q .0101

DEADLINE FOR RECEIPT: Wednesday, December 10, 2014

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In reviewing these rules, the staff determined that the following technical changes need to be made. Approval of any rule is contingent upon making technical changes as set forth in G.S. 150B-21.10.

Lines 8 through 31, please consider replacing commas with semicolons

Line 34, add a comma after "combined"

Page 2, line 10, replace "are" with "shall be"

1	15A NCAC 02Q .0101 1	s amended as published in 29:03 NCR 242 as follows:
2		
3	15A NCAC 02Q .0101	REQUIRED AIR QUALITY PERMITS
4	(a) No owner or opera	tor shall do any of the following activities, that is not otherwise exempted, without first
5	applying for and obtaining	ng an air quality permit:
6	(1) constr	uct, operate, or modify a source subject to an applicable standard, requirement, or rule that
7	emits	any regulated pollutant or one or more of the following:
8	(A)	sulfur dioxide,
9	(B)	total suspended particulates,
10	(C)	particulate matter (PM10),
11	(D)	carbon monoxide,
12	(E)	nitrogen oxides,
13	(F)	volatile organic compounds,
14	(G)	lead and lead compounds,
15	(H)	fluorides,
16	(I)	total reduced sulfur,
17	(J)	reduced sulfur compounds,
18	(K)	hydrogen sulfide,
19	(L)	sulfuric acid mist,
20	(M)	asbestos,
21	(N)	arsenic and arsenic compounds,
22	(O)	beryllium and beryllium compounds,
23	(P)	cadmium and cadmium compounds,
24	(Q)	chromium(VI) and chromium(VI) compounds,
25	(R)	mercury and mercury compounds,
26	(S)	hydrogen chloride,
27	(T)	vinyl chloride,
28	(U)	benzene,
29	(V)	ethylene oxide,
30	(W)	dioxins and furans,
31	(X)	ozone, or
32	(Y)	any toxic air pollutant listed in 15A NCAC 02D .1104; or
33	(2) constr	uct, operate, or modify a facility that has the potential to emit at least 10 tons per year of any
34	hazard	lous air pollutant or 25 tons per year of all hazardous air pollutants combined or that are
35	subjec	t to requirements established under the following sections of the federal Clean Air Act:
36	(A)	Section 112(d), emissions standards;
37	(B)	Section 112(f), standards to protect public health and the environment;

1		(C) Section 112(g), construction and reconstruction;
2		(D) Section 112(h), work practice standards and other requirements;
3		(E) Section 112(i)(5), early reduction;
4		(F) Section 112(j), federal failure to promulgate standards;
5		(G) Section 112(r), accidental releases.
6	(b) There are to	wo types of air quality permits:
7	(1)	Stationary Source Construction and Operation Permit: With the exception allowed by G.S. 143-
8		215.108A, the owner or operator of a new, modified, or existing facility or source shall not begin
9		construction or operation without first obtaining a construction and operation permit in accordance
10		with the standard procedures under Section .0300 of this Subchapter. Title V facilities are subject
11		to the Title V procedures under Section .0500 of this Subchapter including the acid rain
12		procedures under Section .0400 of this Subchapter. A facility may also be subject to the air toxic
13		procedures under 15A NCAC 02Q .0700.
14	(2)	Transportation Facility Construction Permit. The owner or operator of a transportation facility
15		subject to the requirements of 15A NCAC 02D .0800 shall obtain a construction only permit
16		following the procedures under Section .0600 of this Subchapter.
17	(c) Fees shall b	e paid in accordance with the requirements of Section .0200 of this Subchapter.
18		
19	History Note:	Authority G.S. 143-215.3(a)(1); 143-215.108; 143-215.109;
20		Temporary Adoption Eff. March 8, 1994 for a period of 180 days or until the permanent rule
21		becomes effective, whichever is sooner;
22		Eff. July 1, 1994;
23		Amended Eff. <u>January 1, 2015</u> ; December 1, 2005; July 1, 1998.
24		

AGENCY: Environmental Management Commission

RULE CITATION: 15A NCAC 02Q .0103

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In reviewing these rules, the staff determined that the following technical changes need to be made. Approval of any rule is contingent upon making technical changes as set forth in G.S. 150B-21.10.

Line 9, define or delete "specifically"

Line 13, add a comma after "substance"; delete "which is"; and add "entering" after "otherwise" These changes make this Rule consistent with 15A NCAC 02D .0101(4).

Line 14, replace "is not" with "shall not be" and delete "to be". Please clarify why this sentence is not included in 15A NCAC 02D .0101(4).

Page 2, line 6, add "the" before "Code"

Page 2, lines 7 and 8, replace the parentheses with commas to make this Rule consistent with 15A NCAC 02D .0101(9). Please note that lines 11 through 18 are not found in 15A NCAC 02D .0101(9).

Page 2, line 23, what is the difference in the types of approvals by the EPA? Please clarify.

Page 2, line 33, replace "which" with "that"

Page 2, line 35, replace "are not" with "shall not be"

Page 3, line 28, define or delete "legally"

Page 3, line 31, replace "specifies" with "shall specify"

Page 4, line 13, replace the comma after ".1111" with a "semicolon"

Page 4, lines 23 through 24, please note that this language does not track the language as the term is defined in 15A NCAC 02D .0101(37). Please be consistent.

Abigail M. Hammond Commission Counsel Date submitted to agency: Wednesday, November 26, 2014

Page 4, line 30, replace "could" with "may"
Please retype the rule accordingly and resubmit it to our office at 1711 New Hope Church Road Raleigh, North Carolina 27609.

1	15A NCAC 02Q	.0103 is	amended as published in 29:03 NCR 242-245 as follows:
2			
3	15A NCAC 02Q	.0103	DEFINITIONS
4	For the purposes	of this	Subchapter, the definitions in G.S. 143-212 and G.S. 143-213 and the following
5	definitions apply:	:	
6	(1)	"Admir	nistrator" means when it appears in any Code of Federal Regulation incorporated by
7		referen	ce in this Subchapter, the Director of the Division of Air Quality unless:
8		(a)	a specific rule in this Subchapter specifies otherwise, or
9		(b)	the U.S. Environmental Protection Agency in its delegation or approval specifically states
10			that a specific authority of the Administrator of the Environmental Protection Agency is
11			not included in its delegation or approval.
12	(2)	"Air P	ollutant" means an air pollution agent or combination of such agents, including any
13		physica	al, chemical, biological, radioactive substance or matter which is emitted into or otherwise
14		enters t	he ambient air. Water vapor is not considered to be an air pollutant.
15	(3)	"Allow	able emissions" mean the maximum emissions allowed by the applicable rules contained in
16		15A NO	CAC 2D or by permit conditions if the permit limits emissions to a lesser amount.
17	(4)	"Alter o	or change" means to make a modification.
18	(5)	"Applic	cable requirements" means:
19		(a)	any requirement of Section .0500 of this Subchapter;
20		(b)	any standard or other requirement provided for in the implementation plan approved or
21			promulgated by EPA through rulemaking under Title I of the federal Clean Air Act that
22			implements the relevant requirements of the federal Clean Air Act including any
23			revisions to 40 CFR Part 52;
24		(c)	any term or condition of a construction permit for a facility covered under 15A NCAC
25			2D .0530, .0531, or .0532;
26		(d)	any standard or other requirement under Section 111 or 112 of the federal Clean Air Act,
27			but not including the contents of any risk management plan required under Section 112 of
28			the federal Clean Air Act;
29		(e)	any standard or other requirement under Title IV;
30		(f)	any standard or other requirement governing solid waste incineration under Section 129
31			of the federal Clean Air Act;
32		(g)	any standard or other requirement under Section 183(e), 183(f), or 328 of the federal
33			Clean Air Act;
34		(h)	any standard or requirement under Title VI of the federal Clean Air Act unless a permit
35			for such requirement is not required under this Section;
36		(i)	any requirement under Section 504(b) or 114(a)(3) of the federal Clean Air Act; or

1		(j) any national ambient air quality standard or increment or visibility requirement under
2		Part C of Title I of the federal Clean Air Act, but only as it would apply to temporary
3		sources permitted pursuant to 504(e) of the federal Clean Air Act.
4	(6)	"Applicant" means the person who is applying for an air quality permit from the Division.
5	(7)	"Application package" means all elements or documents needed to make an application complete.
6	(8)	"CFR" means Code of Federal Regulations.
7	(9)	"Construction" means change in the method of operation or any physical change (including on-site
8		fabrication, erection, installation, replacement, demolition, or modification of a source) that results
9		in a change in emissions or affects the compliance status. The following activities are not
10		construction:
11		(a) clearing and grading;
12		(b) building access roads, driveways, and parking lots, except parking lots required to have a
13		construction permit under 15A NCAC 02Q .0600; lots;
14		(c) building and installing underground pipe work, including water, sewer, electric, and
15		telecommunications utilities; or
16		(d) building ancillary structures, including fences and office buildings that are not a
17		necessary component of an air contaminant source, equipment, or associated air cleaning
18		device for which a permit is required under G.S. 143-215.108.
19	(10)	"Director" means the Director of the Division of Air Quality.
20	(11)	"Division" means the Division of Air Quality.
21	(12)	"EPA" means the United States Environmental Protection Agency or the Administrator of the
22		Environmental Protection Agency.
23	(13)	"EPA approves" means full approval, interim approval, or partial approval by EPA.
24	(14)	"Equivalent unadulterated fuels" means used oils that have been refined such that the content of
25		toxic additives or contaminants in the oil are no greater than those in unadulterated fossil fuels.
26	(15)	"Facility" means all of the pollutant emitting activities, except-transportation facilities as defined
27		under Rule .0802 of this Subchapter, transportation facilities, that are located on one or more
28		adjacent properties under common control.
29	(16)	"Federally enforceable" or "federal-enforceable" means enforceable by EPA.
30	(17)	"Fuel combustion equipment" means any fuel burning source covered under 15A NCAC 2D
31		.0503, .0504, .0536, or 40 CFR Part 60 Subpart D, Da, Db, or Dc.
32	(18)	"Green wood" means wood with a moisture content of 18% or more.
33	(19)	"Hazardous air pollutant" means any pollutant which has been listed pursuant to Section 112(b) of
34		the federal Clean Air Act. Pollutants listed only in 15A NCAC 02D .1104 (Toxic Air Pollutant
35		Guidelines), but not pursuant to Section 112(b), are not included in this definition.
36	(20)	"Insignificant activities" means activities defined as insignificant activities because of category or
37		as insignificant activities because of size or production rate under Rule .0503 of this Subchapter.

1	(21)	"Lesser quantity cutoff" means:
2		(a) for a source subject to the requirements of Section 112(d) or (j) of the federal Clean Air
3		Act, the level of emissions of hazardous air pollutants below which the following are not
4		required:
5		(i) maximum achievable control technology (MACT) or generally available control
6		technology (GACT), including work practice standards, requirement under
7		Section 112(d) of the federal Clean Air Act;
8		(ii) a MACT standard established under Section 112(j) of the federal Clean Air Act;
9		or
10		(iii) substitute MACT or GACT adopted under Section 112(l) of the federal Clean
11		Air Act.
12		(b) for modification of a source subject to, or may be subject to, the requirements of Section
13		112(g) of the federal Clean Air Act, the level of emissions of hazardous air pollutants
14		below which MACT is not required to be applied under Section 112(g) of the federal
15		Clean Air Act; or
16		(c) for all other sources, potential emissions of each hazardous air pollutant below 10 tons
17		per year and the aggregate potential emissions of all hazardous air pollutants below 25
18		tons per year.
19	(22)	"Major facility" means a major source as defined under 40 CFR 70.2.
20	(23)	"Modification" means any physical change or change in method of operation that results in a
21		change in emissions or affects compliance status of the source or facility.
22	(24)	"Owner or operator" means any person who owns, leases, operates, controls, or supervises a
23		facility, source, or air pollution control equipment.
24	(25)	"Peak shaving generator" means a generator that is located at a facility and is used only to serve
25		that facility's on-site electrical load during peak demand periods for the purpose of reducing the
26		cost of electricity; it does not generate electricity for resale. A peak shaving generator may also be
27		used for emergency backup.
28	(26)	"Permit" means the legally binding written document, including any revisions thereto, issued
29		pursuant to G.S. 143-215.108 to the owner or operator of a facility or source that emits one or
30		more air pollutants and that allows that facility or source to operate in compliance with G.S.
31		143-215.108. This document specifies the requirements applicable to the facility or source and to
32		the permittee.
33	(27)	"Permittee" means the person who has received an air quality permit from the Division.
34	(28)	"Potential emissions" means the rate of emissions of any air pollutant that would occur at the
35		facility's maximum capacity to emit any air pollutant under its physical and operational design.
36		Any physical or operational limitation on the capacity of a facility to emit an air pollutant shall be
37		treated as a part of its design if the limitation is federally enforceable. Such physical or operational

1		limitations include air pollution control equipment and restrictions on hours of operation or on the
2		type or amount of material combusted, stored, or processed. Potential emissions include fugitive
3		emissions as specified in the definition of major source in 40 CFR 70.2. Potential emissions do not
4		include a facility's secondary emissions such as those from motor vehicles associated with the
5		facility and do not include emissions from insignificant activities because of category as defined
6		under Rule .0503 of this Section. If a rule in 40 CFR Part 63 uses a different methodology to
7		calculate potential emissions, that methodology shall be used for sources and pollutants covered
8		under that rule.
9	(29)	"Portable generator" means a generator permanently mounted on a trailer or a frame with wheels.
10	(30)	"Regulated air pollutant" means:
11		(a) nitrogen oxides or any volatile organic compound as defined under 40 CFR 51.100;
12		(b) any pollutant for which there is an ambient air quality standard under 40 CFR Part 50;
13		(c) any pollutant regulated under 15A NCAC 02D .0524, .1110, or .1111 or 40 CFR Part 60,
14		61, or 63;
15		(d) any pollutant subject to a standard promulgated under Section 112 of the federal Clean
16		Air Act or other requirements established under Section 112 of the federal Clean Air Act,
17		including Section 112(g) (but only for the facility subject to Section 112(g)(2) of the
18		federal Clean Air Act), (j), or (r) of the federal Clean Air Act; or
19		(e) any Class I or II substance listed under Section 602 of the federal Clean Air Act.
20	(31)	"Sawmill" means a place or operation where logs are sawed into lumber consisting of one or more
21		of these activities: debarking, sawing, and sawdust handling. Activities that are not considered part
22		of a sawmill include chipping, sanding, planning, routing, lathing, and drilling.
23	(32)	"Source" means any stationary article, machine, process equipment, or other contrivance, or
24		combination thereof, from which air pollutants emanate or are emitted, either directly or indirectly.
25	(33)	"Toxic air pollutant" means any of the carcinogens, chronic toxicants, acute systemic toxicants, or
26		acute irritants that are listed in 15A NCAC 02D .1104.
27	(34)	"Transportation facility" means a complex source as defined at G.S. 143 213(22) that is subject to
28		the requirements of 15A NCAC 02D .0800. in G.S. 143-213(22).
29	(35)	"Unadulterated fossil fuel" means fuel oils, coal, natural gas, or liquefied petroleum gas to which
30		no toxic additives have been added that could result in the emissions of a toxic air pollutant listed
31		under 15A NCAC 02D .1104.
32		
33	History Note:	Authority G.S. 143-212; 143-213; 143-215.3(a)(1);
34		Temporary Adoption Eff. March 8, 1994 for a period of 180 days or until the permanent rule
35		becomes effective, whichever is sooner;
36		Eff. July 1, 1994;
37		Amended Eff. April 1, 1999; July 1, 1998; July 1, 1996;

1	Temporary Amendment Eff. December 1, 1999;
2	Amended Eff. <u>January 1, 2015;</u> December 1, 2005; July 1, 2000.
3	

AGENCY: Environmental Management Commission

RULE CITATION: 15A NCAC 02Q .0104

DEADLINE FOR RECEIPT: Wednesday, December 10, 2014

<u>NOTE WELL:</u> This request when viewed on computer extends several pages. Please be sure you have reached the end of the document.

The Rules Review Commission staff has completed its review of this rule prior to the Commission's next meeting. The Commission has not yet reviewed this rule and therefore there has not been a determination as to whether the rule will be approved. You may call this office to inquire concerning the staff recommendation.

In reviewing these rules, the staff determined that the following technical changes need to be made. Approval of any rule is contingent upon making technical changes as set forth in G.S. 150B-21.10.

Line 7, replace "are" with "shall be"

1 15A NCAC 02Q .0104 is amended as published in 29:03 NCR 245 as follows: 2 3 15A NCAC 02Q .0104 WHERE TO OBTAIN AND FILE PERMIT APPLICATIONS 4 (a) Application forms for a permit or permit modification may be obtained from and shall be filed with the Director, 5 Division of Air Quality, 1641 Mail Service Center, Raleigh, North Carolina 27699-1641 or any of the regional 6 offices listed under Rule .0105 of this Section. 7 (b) The number of copies of applications to be filed are specified in Rules .0305 (construction and operation 8 permit procedures), procedures) and .0507 (Title V permit procedures), and .0602 (transportation facility 9 construction air permit procedures) of this Subchapter. 10 11 Authority G.S. 143-215.3(a)(1); 143-215.108; 143-215.109; History Note: 12 Temporary Adoption Eff. March 8, 1994 for a period of 180 days or until the permanent rule 13 becomes effective, whichever is sooner; 14 Eff. July 1, 1994; 15 Amended Eff. January 1, 2015; August 1, 2002; July 1, 1997. 16

AGENCY: Environmental Management Commission

RULE CITATION: 15A NCAC 02Q .0203

DEADLINE FOR RECEIPT: Wednesday, December 10, 2014

<u>NOTE WELL:</u> This request when viewed on computer extends several pages. Please be sure you have reached the end of the document.

The Rules Review Commission staff has completed its review of this rule prior to the Commission's next meeting. The Commission has not yet reviewed this rule and therefore there has not been a determination as to whether the rule will be approved. You may call this office to inquire concerning the staff recommendation.

In reviewing these rules, the staff determined that the following technical changes need to be made. Approval of any rule is contingent upon making technical changes as set forth in G.S. 150B-21.10.

Within the table for Annual Permit Fees, are the \$22.50, \$2500, and \$27.50 amounts still necessary in this Rule or should they be deleted?

If the older fees should be deleted, please delete the "on 01/01/2011 and thereafter"

Line 7, replace "which" with "that"

Within the Permit Application Fees, add the commas into the dollars amounts

Page 2, line 21, add in the title of the rule for 15A NCAC 02D .0531 to be consistent with the other referenced rules

Page 2, lines 26 and 28, replace "is" with "shall be"

Page 3, line 1, replace "is" with "shall be"

Page 3, line 9, replace "will" with "shall"

Page 3, lines 12 through 13, is this citation correct? Should it be 15A NCAC 02Q .0203? Please clarify.

Page 3, line 15, delete 150B-21.6

Please retype the rule accordingly and resubmit it to our office at 1711 New Hope Church Road, Raleigh, North Carolina 27609.

Abigail M. Hammond Commission Counsel Date submitted to agency: Wednesday, November 26, 2014 15A NCAC 02Q .0203 is amended as published in 29:03 NCR 245-246 as follows:

1 2 3

15A NCAC 02Q .0203 PERMIT AND APPLICATION FEES

4 (a) The owner or operator of any facility holding a permit shall pay the following permit fees:

5

ANNUAL PERMIT FEES

Facility Category	Tonnage Factor	Basic Permit	Nonattainment Area
		Fee	Added Fee
	\$22.50 upon Rule effective		
Title V	date;	\$6,500	\$3,500
	\$25.00 on 01/01/2009;		
	\$27.50 on 01/01/2010;		
	\$30.00 on 01/01/2011 and		
	thereafter.		
Synthetic Minor		\$1,500	
Small		\$250	
Transportation		\$0	
General	50% of the o	therwise applicat	ole fee

6 7

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- A facility, other than a Title V facility, which has been in compliance is eligible for a 25 percent discount from the annual permit fees as described in Paragraph (a) of Rule .0205 of this Section. Annual permit fees for Title V
- 9 facilities shall be adjusted for inflation as described in Rule .0204 of this Section. Annual permit fees for Title V
- facilities consist of the sum of the applicable fee elements.
 - (b) In addition to the annual permit fee, a permit applicant shall pay a non-refundable permit application fee as follows:

12 13

11

PERMIT APPLICATION FEES

(FEES FOR CALENDAR YEAR 1994)

Facility Category	New or	New or	Minor	Ownership
	Modification	Significant	Modification	Change
		Modification		
Title V		\$7200	\$700	\$50
Title V (PSD or	\$10900			50
NSR/NAA)				

Title V (PSD and	21200	50
NSR/NAA)		
Synthetic Minor	400	50
Small	50	25
Transportation	400	50
General	50% of the otherwise applicable fee	25

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- 2 Permit application fees for Title V facilities shall be adjusted for inflation as described in Rule .0204 of this Section.
- 3 (c) If a facility, other than a general facility, belongs to more than one facility category, the fees shall be those of the 4 applicable category with the highest fees. If a permit application belongs to more than one type of application, the 5 fee shall be that of the applicable permit application type with the highest fee.
- fee shall be that of the applicable permit application type with the highest fee.

 (d) The tonnage factor fee shall be applicable only to Title V facilities. It shall be computed by multiplying the tonnage factor indicated in the table in Paragraph (a) of this Rule by the facility's combined total actual emissions of
 - all regulated air pollutants, rounded to the nearest ton, contained in the latest emissions inventory that has been
 - completed by the Division. The calculation shall not include:
- 10 (1) carbon monoxide;
 - (2) any pollutant that is regulated solely because it is a Class I or II substance listed under Section 602 of the federal Clean Air Act (ozone depletors);
 - (3) any pollutant that is regulated solely because it is subject to a regulation or standard under Section 112(r) of the federal Clean Air Act (accidental releases); and
 - (4) the amount of actual emissions of each pollutant that exceeds 4,000 tons per year.
 - Even though a pollutant may be classified in more than one pollutant category, the amount of pollutant emitted shall be counted only once for tonnage factor fee purposes and in a pollutant category chosen by the permittee. If a facility has more than one permit, the tonnage factor fee for the facility's combined total actual emissions as described in this Paragraph shall be paid only on the permit whose anniversary date first occurs on or after July 1.
- 20 (e) The nonattainment area added fee shall be applicable only to Title V facilities required to comply with 15A NCAC 02D .0531, 15A NCAC 02D .0900 (Volatile Organic Compounds), or 15A NCAC 02D .1400 (Nitrogen
- 22 Oxides) and either:
 - (1) are in a area designated in 40 CFR 81.334 as nonattainment, or
- 24 (2) are covered by a nonattainment or maintenance State Implementation Plan submitted for approval 25 or approved as part of 40 CFR Part 52, Subpart II.
- (f) A Title V (PSD or NSR/NAA) facility is a facility whose application is subject to review under 15A NCAC 02D
 .0530 (Prevention of Significant Deterioration) or 15A NCAC 02D .0531 (Sources in Nonattainment Areas).
- 28 (g) A Title V (PSD and NSR/NAA) facility is a facility whose application is subject to review under 15A NCAC 02D .0530 (Prevention of Significant Deterioration) and 15A NCAC 02D .0531 (Sources in Nonattainment Areas).
- 30 (h) Minor modification permit applications that are group processed require the payment of only one permit application fee per facility included in the group.

- 1 (i) No permit application fee is required for renewal of an existing permit, for changes to an unexpired permit when 2 the only reason for the changes is initiated by the Director or the Commission, for a name change with no ownership 3 change, for a change under Rule .0523 (Changes Not Requiring Permit Revisions) of this Subchapter, or for a 4 construction date change, a test date change, a reporting procedure change, or a similar change. 5 (j) The permit application fee paid for modifications under 15A NCAC 02Q .0400, Acid Rain Procedures, shall be 6 the fee for the same modification if it were under 15A NCAC 02D .0500, Title V Procedures. 7 (k) An applicant who files permit applications pursuant to Rule .0504 of this Subchapter shall pay an application fee 8 as would be determined by the application fee for the permit required under Section .0500 of this Subchapter; this 9 fee will cover both applications provided that the second application covers only what is covered under the first 10 application. If permit terms or conditions in an existing or future permit issued under Section .0500 of this 11 Subchapter will be established or modified by an application for a modification and if these terms or conditions are 12 enforceable by the Division only, then the applicant shall pay the fee under the column entitled "02Q .0300 Only or 13 Minor Modification" in the table in Paragraph (b) of this Rule. 14
- History Note: Authority G.S. 143-215.3(a)(1),(1a),(1b),(1d); 150B-21.6;
 Temporary Rule Eff. March 8, 1994 for a period of 180 days or until the permanent rule is effective, whichever is sooner.
 Eff. July 1, 1994;
 Amended Eff. January 1, 2015; March 1, 2008; April 1, 2004; April 1, 2001; July 1, 1996.

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AGENCY: Environmental Management Commission

RULE CITATION: 15A NCAC 02Q .0308

DEADLINE FOR RECEIPT: Wednesday, December 10, 2014

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The Rules Review Commission staff has completed its review of this rule prior to the Commission's next meeting. The Commission has not yet reviewed this rule and therefore there has not been a determination as to whether the rule will be approved. You may call this office to inquire concerning the staff recommendation.

In reviewing these rules, the staff determined that the following technical changes need to be made. Approval of any rule is contingent upon making technical changes as set forth in G.S. 150B-21.10.

Line 7, add "or" at the end

Line 9, add a comma after "renewal"

Line 9, delete the "or" after "renewal"

Line 10, replace "which" with "that"

1	15A NCAC 02Q	2.0308 is amended as published in 29:03 NCR 246 as follows:	
2			
3	15A NCAC 02Q .0308 FINAL ACTION ON PERMIT APPLICATIONS		
4	(a) The Director may:		
5	(1)	issue a permit, permit modification, or a renewal containing the conditions necessary to	
6		carry out the purposes of G.S. 143, Article 21B;	
7	(2)	rescind a permit upon request by the permittee;	
8	(3)	deny a permit application when necessary to carry out the purposes of G.S. 143, Article 21B.	
9	(b) Any person	whose application for a permit, permit modification, renewal or letter requesting change in name or	
10	ownership, construction or test date, or reporting procedure, is denied or is granted subject to conditions which are		
11	unacceptable to him shall have the right to appeal the Director's decision under Article 3 of G.S. 150B. The person		
12	shall have 30 days following receipt of the notice of the Director's decision on the application or permit in which to		
13	appeal the Director's decision. The permit becomes final if the applicant does not contest the permit within this 30-		
14	day period.		
15	(c) The Director shall issue or renew a permit for a period of time that the Director considers reasonable, but such		
16	period shall not exceed five.years.term of eight years.		
17			
18	History Note:	Filed as a Temporary Adoption Eff. March 8, 1994 for a period of 180 days or until the permanent	
19		rule becomes effective, whichever is sooner;	
20		Authority G.S. 143-215.3(a)(1); 143-215.108;	
21		Eff. July 1, 1994. <u>1994;</u>	
22		Amended Eff. January 1, 2015.	
23			

1	15A NCAC 02Q .0	06010606 are repealed as published in 29:03 NCR 246-248 as follows:
2		
3	15A NCAC 02Q.	0601 PURPOSE OF SECTION AND REQUIREMENT FOR A PERMIT
4	15A NCAC 02Q.	0602 DEFINITIONS
5	15A NCAC 02Q.	0603 APPLICATIONS
6	15A NCAC 02Q.	0604 PUBLIC PARTICIPATION
7	15A NCAC 02Q.	0605 FINAL ACTION ON PERMIT APPLICATIONS
8	15A NCAC 02Q.	0606 TERMINATION, MODIFICATION AND REVOCATION OF PERMITS
9		
10	History Note:	Authority G.S. 143-215.3(a)(1),(1a),(1b),(3); 143-213; 143-215.4(b); 143-215.108; 143-215.109;
11	2	Temporary Adoption Eff. March 8, 1994 for a period of 180 days or until the permanent rule becomes
12	•	effective, whichever is sooner;
13	i	Eff. July 1, 1994;
14	1	Amended Eff. February 1, 2005. <u>2005;</u>
15	Ī	Repealed Eff. January 1, 2015.
16		

1	15A NCAC 020	.0607 is repealed as published in 29:03 NCR 248-249 as follows:
2		
3	15A NCAC 02	.0607 APPLICATION PROCESSING SCHEDULE
4		
5	History Note:	Authority G.S. 143-215.3(a)(1); 143-215.108; 143-215.109;
6		Eff. February 1, 1995;
7		Amended Eff. July 1, 1998. 1998;
8		Repealed Eff. January 1, 2015.