

State of Wisconsin \ DEPARTMENT OF NATURAL RESOURCES

Carroll D. Besadny
Secretary

BOX 7921
MADISON, WISCONSIN 53707

CR 88-194

RECEIVED

JUN 30 1989

10:20 am
Revisor of Statutes
Bureau

STATE OF WISCONSIN)
)
DEPARTMENT OF NATURAL RESOURCES)

TO ALL TO WHOM THESE PRESENTS SHALL COME, GREETINGS:

I, Bruce B. Braun, Deputy Secretary of the Department of Natural Resources and custodian of the official records of said Department, do hereby certify that the annexed copy of Natural Resources Board Order No. AM-46-88 was duly approved and adopted by this Department on April 27, 1989. I further certify that said copy has been compared by me with the original on file in this Department and that the same is a true copy thereof, and of the whole of such original.

IN TESTIMONY WHEREOF, I have here-
unto set my hand and affixed the
official seal of the Department at
the Natural Resources Building in
the City of Madison, this 28th
day of June, 1989.


Bruce B. Braun, Deputy Secretary

(SEAL)

9-1-89

ORDER OF THE STATE OF WISCONSIN
NATURAL RESOURCES BOARD
AMENDING AND CREATING RULES

IN THE MATTER of amending s. NR 422.02(34) and (47),
422.03(intro.), (2) and (3), 422.15(1)(h) and (i), 424.03(3),
439.12(1)(b)1.d.; and creating s. NR 422.02(12m), (16m) and
(33m), 422.15(1)(j) and 422.155 of the Wisconsin Administrative . AM-46-88
Code relating to establishment of volatile organic compound
emission limitations for fire truck and emergency response
vehicle manufacturing.

Analysis Prepared by the Department of Natural Resources

Statutory authority: ss. 144.31, 144.38 and 227.11(2)(a), Stats.

Statutes interpreted: s. 144.31(1)(f), Stats., and revise the State
Implementation Plan (SIP) developed under that provision.

These rules establish emission limitations for volatile organic compounds from
fire truck and emergency response vehicle manufacturing.

SECTION 1. NR 422.02(12m), (16m) and (33m) are created to read:

NR 422.02(12m) "Emergency response vehicle" means any motor vehicle
specifically designed to carry equipment and personnel involved in providing
emergency medical or rescue services.

(16m) "Fire truck" means any motor vehicle specifically designed to
be used in fighting fires and to carry equipment and personnel involved in
fighting fires.

(33m) "Pretreatment coat" means a coating applied directly to aluminum
substrates and which contains no more than 12% solids, by weight, at least
1/2% acid, by weight, and is used to provide surface etching, corrosion
resistance and enhanced adhesion of subsequent coatings.

SECTION 2. NR 422.02(34) and (47) are amended to read:

NR 422.02(34) "Prime coat" means ~~the first film of coating applied to a product in a multiple-coat surface coating operation~~ a coating applied directly to a substrate or on top of a pretreatment coat or other coating for purposes of providing corrosion resistance or enhancing adhesion or blister resistance of subsequent coatings.

(47) "Topcoat" means ~~the final film of coating applied in a multiple coat operation~~ a coating applied over a prime coat for purposes of appearance, identification or protection of the substrate.

SECTION 3. NR 422.03(intro.); (2) and (3) are amended to read:

NR 422.03 EXEMPTIONS.(intro.) Sections NR 422.04 to ~~422.15~~ 422.155 apply to any facility which contains one or more of the surface coating or printing process lines described in ss. NR 422.04 to ~~422.15~~ 422.155 with the following exceptions:

(2) Surface coating facilities covered under ~~ss.~~ ss. NR 422.15 and 422.155 which have total emission of VOCs from all surface coating process lines, with all emission control equipment inoperative, of less than or equal to 10 tons per year.

(3) Surface coating facilities covered under ss. NR 422.05 to 422.08, 422.09 to 422.13, and 422.15 and 422.155 which are located outside the counties of Brown, Calumet, Dane, Dodge, Fond du Lac, Jefferson, Kenosha, Manitowoc,

Milwaukee, Outagamie, Ozaukee, Racine, Rock, Sheboygan, Walworth, Washington, Waukesha, and Winnebago and which have total emissions of VOCs from the facility, with all emission control equipment inoperative, of less than or equal to 100 tons per year.

SECTION 4. NR 422.15(1)(h) and (i) are amended to read:

NR 422.15(1)(h) Coating lines covered under ss. NR 422.05 to 422.12; ~~or~~

(i) Sources exempted under s. NR 422.03~~+~~; or

SECTION 5. NR 422.15(1)(j) is created to read:

NR 422.15(1)(j) Coating operations subject to s. NR 422.155.

SECTION 6. NR 422.155 is created to read:

NR 422.155 FIRE TRUCK AND EMERGENCY RESPONSE VEHICLE MANUFACTURING. (1) APPLICABILITY. This section applies to coating operations of fire truck and emergency response vehicle manufacturing where meeting applicable emission limits in s. NR 422.15 is not technologically or economically feasible and where total facility production of fire trucks and emergency response vehicles is less than 35 vehicles per day.

(2) EMISSION LIMITATIONS. No owner or operator of a fire truck or emergency response vehicle coating operation may cause, allow or permit the emission of any VOCs in excess of:

(a) 0.80 kilograms per liter (6.68 pounds per gallon) of coating, excluding water and solvents exempt under s. NR 425.04(6) delivered to a coating applicator that applies pretreatment coats.

(b) 0.53 kilograms per liter (4.44 pounds per gallon) of coating, excluding water and solvents exempt under s. NR 425.04(6) delivered to a coating applicator that applies prime coats.

(c) 0.72 kilograms per liter (6.00 pounds per gallon) of coating, excluding water and solvents exempt under s. NR 425.04(6) delivered to a coating applicator that applies topcoats.

(d) 0.42 kilograms per liter (3.50 pounds per gallon) of coating, excluding water and solvents exempt under s. NR 425.04(6) delivered to a coating applicator that applies clear coats.

(3) SOLVENT WASHINGS. All VOC emissions from solvent washings shall be considered in the emission limitations in sub. (2), unless the used wash solvent is directed into containers that prevent evaporation into the atmosphere.

(4) INTERNAL OFFSETS. Coating operations subject to this section may not be involved in an internal offset under s. NR 425.04(3).

SECTION 7. NR 424.03(3) is amended to read:

NR 424.03(3) ELECTION. Surface coating and printing processes subject to the requirements of this section may instead elect, with the approval of the department, to meet the emission limitations of s. NR 422.01 to ~~422.15~~ 422.155, notwithstanding ss. NR 422.03 (1), (2), (3) or (4) and 425.03, provided that:

(a) The process line meets the specific applicability requirements of ss. NR 422.05 to ~~422.15~~ 422.155; and

(b) The owner or operator submits a written request to the department. Written requests under this paragraph shall include, in the case of sources constructed prior to August 1, 1979, a schedule for meeting the requirements of ss. NR 422.01 to ~~422.15~~ 422.155.

SECTION 8. NR 439.12(1)(b)1.d. is amended to read:

NR 439.12(1)(b)1.d. Compliance emission testing for organic compounds is required for an emission point subject to an emission limitation in s. NR 421.03, 421.04, 422.05, 422.06, 422.07, 422.08, 422.09, 422.10, 422.11, 422.12, 422.13, 422.14, 422.15, 422.155, 423.05, 424.03 or 424.04 which uses a control device to achieve compliance with the applicable requirements. This test shall include a determination of the overall control efficiency of the control device on the affected emission point.

The foregoing rules were approved and adopted by the State of Wisconsin
Department of Natural Resources on April 27, 1989.

The rules shall take effect on the first day of the month following
publication in the Wisconsin administrative register as provided in s.
227.22(2)(intro.), Stats.

Dated at Madison, Wisconsin June 28, 1989

STATE OF WISCONSIN
DEPARTMENT OF NATURAL RESOURCES

By Carroll D. Besadny
Carroll D. Besadny, Secretary

(SEAL)



State of Wisconsin

DEPARTMENT OF NATURAL RESOURCES

Carroll D. Besadny
Secretary

BOX 7921
MADISON, WISCONSIN 53707

June 29, 1989

1020

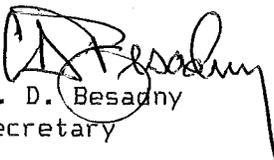
Mr. Orlan L. Prestegard
Revisor of Statutes
Suite 702
30 W. Mifflin Street

Dear Mr. Prestegard:

Enclosed are two copies, including one certified copy, of State of Wisconsin Natural Resources Board Order No. AM-46-88. These rules were reviewed by the Assembly Committee on Environmental Resources and Utilities and the Senate Committee on Urban Affairs, Environmental Resources, Utilities and Elections pursuant to s. 227.19, Stats. A summary of the final regulatory flexibility analysis and comments of the legislative review committees is also enclosed.

You will note that this order takes effect following publication. Kindly publish it in the Administrative Code accordingly.

Sincerely,


C. D. Besadny
Secretary

Enc.