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4673

ORTANT: Read Instructions on bottom of
tification Page before completing this
h. Failure to comply with instructions
y cause disapproval of proposed
Regulations.

ORIGINAL

STATE OF CONNECTICUT
REGULATION
OF

NAME OF AGENCY

DEPARTMENT OF ENVIRONMENTAL PROTECTION

concerning

SUBJECT MATTER OF REGULATION

ABATEMENT OF AIR POLLUTION -MISCELLANEOUS METAL PARTS

Section 1

Subsection 22a-174-20(s) of the Regulations of Connecticut State Agencies is amended to read as follows:

(s) Miscellaneous metal parts and products

(1) Definitions for the purpose of this subsection:

"Air dried coating" means coatings which are dried by the use of air or forced warm air at temperatures up to 90 degrees C (194 degrees F).

"Clear coat" means a base or top coating which either lacks color and opacity or which is transparent and uses the surface to which it is applied as a reflectant base or undertone color.

"Coating application system" means all operations and equipment which applies, conveys, and dries a surface coating, including, but not limited to, spray booths, flow coaters, flashoff areas, air dryers and ovens.

"Exposure to extreme environmental conditions" means exposure to: the weather all of the time; temperatures consistently above 95 degrees C; detergents; abrasive and scouring agents; solvents; corrosive atmospheres; or similar environmental conditions as determined by the Commissioner and the Administrator.

"Extreme performance coatings" means coatings designed for exposure to extreme environmental conditions.

"Heat sensitive material" means materials which cannot consistently be exposed to temperature greater than 95 degrees C (203 degrees F) for more than 30 seconds.

"HIGH PERFORMANCE ARCHITECTURAL ALUMINUM COATING" MEANS A COATING THAT IS APPLIED TO ARCHITECTURAL ALUMINUM PANELS, EXTRUSIONS OR SUBSECTIONS TO MEET THE SPECIFICATIONS OF PUBLICATION NUMBER AAMA 605.2-1992 OF THE ARCHITECTURAL ALUMINUM MANUFACTURER'S ASSOCIATION.

"Prime coat" means the first of two or more films of coating applied to a metal surface.

"Single coat" means one film of coating applied to a metal surface.

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"Topcoat" means the final film or series of films of coating applied in a two-coat (or more) operation.

"Transfer efficiency" means the portion of coating solids which adheres to the metal surface during the application process, expressed as a percentage of the total volume of coating solids delivered by the applicator.

(2) Applicability. For the purpose of this subsection:

"Miscellaneous metal parts and products" includes the following industrial categories:

Large farm machinery (harvesting, fertilizing and planting machines, tractors, combines, etc.);

Small farm machinery (lawn and garden tractors, lawn mowers, rototiller, etc.);

Small appliances (fans, mixers, blenders, crock pots, dehumidifiers, vacuum cleaners, etc.);

Commercial machinery (office equipment, computers and auxiliary equipment, typewriters, calculators, vending machines, etc.);

Industrial machinery (pumps, compressors, conveyor components, fans, blowers, transformers, etc.);

Fabricated metal products (metal covered doors, frames, etc.); and

Any other industrial category which coats metal parts or products under the Standard Industrial Classification Code of Major Group 33 (primary metal industries), Major Group 34 (fabricated metal products), Major Group 35 (nonelectric machinery), Major Group 36 (electrical machinery), Major Group 37 (transportation equipment), Major Group 38 (miscellaneous instruments), Major Group 39 (miscellaneous manufacturing industries), Major Group 40 (Railroad Transportation) and Major Group 41 (Transit Passenger Transportation).

The following categories are not included:

automobiles and light duty trucks;
metal cans;
flat metal sheets and strips in the form of rolls or coils;
plastic and glass objects;
magnet wire for use in electrical machinery;
metal furniture;
the exterior surface of assembled aircraft;
automobile refinishing;
customized top coating of automobiles and trucks, if production is less than 5 vehicles per day; and
the exterior surface of assembled marine vessels.

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(3) Emission standards. No owner or operator of a facility engaged in the surface coating of miscellaneous metal parts and products may operate a coating application system subject to this regulation that emits volatile organic compounds from any coating in excess of:

(A) 0.52 kg/l (4.3 lb/gal) of coating, excluding water and exempt volatile organic compounds listed on Table 1(a)-1 in section a-174-1, delivered to a coating applicator that applies a clear coat;

(B) 0.42 kg/l (3.5 lb/gal) of coating, excluding water and exempt volatile organic compounds listed on Table 1(a)-1 in section a-174-1, delivered to a coating applicator in a coating application system that is air dried or forced warm air dried at temperatures up to 90 degrees C (194 degrees F);

(C) 0.42 kg/l (3.5 lb/gal) of coating, excluding water and exempt volatile organic compounds listed on Table 1(a)-1 in section a-174-1, delivered to a coating applicator that applies extreme performance coatings; [and,]

(D) 0.36 kg/l (3.0 lb/gal) of coating, excluding water and exempt volatile organic compounds listed on Table 1(a)-1 in section a-174-1, delivered to a coating applicator for all other coatings, adhesives, fillers or sealants and coating application systems AND

(E) 0.75 KG/L (6.3 LB/GAL) OF COATING, EXCLUDING WATER AND EXEMPT VOLATILE ORGANIC COMPOUNDS LISTED ON TABLE 1(a)-1 IN SECTION 22a-174-1, DELIVERED TO A COATING APPLICATOR WHICH APPLIES HIGH PERFORMANCE ARCHITECTURAL ALUMINUM COATINGS, PROVIDED THAT 1) SUCH APPLICATOR IS LOCATED AT A PREMISES WHICH EMITS THREE THOUSAND THREE HUNDRED THIRTY-THREE (3,333) POUNDS OF VOLATILE ORGANIC COMPOUNDS PER MONTH OR LESS FROM SUCH APPLICATOR, AND 2) SUCH APPLICATOR WAS AN EXISTING SOURCE IN CONNECTICUT ON OR BEFORE NOVEMBER 1, 1994.

(4) This subsection applies to all application areas, flashoff areas, air and forced air driers, and ovens used in the surface coating operations pertaining to miscellaneous metal parts and products listed in subdivision (s)(2). This regulation also applies to prime coat, top coat, and single coat operations.

(5) If more than one emission limitation in subsection (s)(3) applies to a specific coating, then the least stringent emission limitation shall be applied.

(6) All volatile organic compound emissions from solvent washings shall be considered in the "emission limitations" in subdivision (s)(3) unless the solvent is directed into containers that prevent evaporation into the atmosphere.

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(7) The provisions of this subsection apply to any premise which has actual emissions of volatile organic compounds of fifteen (15) pounds per day or more in any one day from all miscellaneous metal parts and products surface coating operations on such premise unless (A) the total potential emissions from all surface coating operations are limited by permit or order of the Commissioner to 1,666 pounds or less in any calendar month, and (B) the owner or operator is and has at all times been in compliance with such limitation since the issuance of the permit or order, and (C) the total actual emissions from all such surface coating operations have not exceeded 1,666 pounds in any calendar month since January 1987. However, any surface coating operation on such premise which emitted 40 pounds or more in any day and which was subject to the requirements of this subsection prior to November 1, 1989, shall remain subject to the provisions of this subsection.

(8) After November 1, 1989 any premise which is or becomes subject to the provisions of this subsection shall remain subject to the provisions of this subsection unless the owner or operator meets the requirements of subparagraphs (7)(A), (B) and (C) of this subsection.

(9) The owner or operator of any surface coating operation which was not subject to the requirements of this subsection prior to November 1, 1989, shall have until October 1, 1990, to comply with the requirements of this subsection for such system.

(10) Notwithstanding the requirements of this subsection, an owner or operator may use, in the aggregate, up to fifty-five (55) gallons of coatings that exceed the emission limitations set forth in subparagraph (3)(a) through [(3)(d)] (3)(e), inclusive, of this section at such premise for any twelve (12) consecutive months, provided such owner or operator maintains records of such coatings in accordance with subsection 20(aa) of this section.

STATEMENT OF PURPOSE: To allow manufacturers of architectural aluminum products to use specified coatings.

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it known that the foregoing:

[X] gulations [ ] Emergency Regulations

Are:

[ ] Adopted [X] Amended as hereinabove stated [ ] Repealed

By the aforesaid agency pursuant to:

[X] Section 22a-174 of the General Statutes.

[ ] Section _____ of the General Statutes, as amended by Public Act No. _____ of the _____ Public Acts.

[ ] Public Act No. _____ of the Public Acts.

After publication in the Connecticut Law Journal on July 19, 19 94, of the notice of the proposal to:

[ ] Adopt [X] Amend [ ] Repeal such regulations

(If applicable): [X] And the holding of an advertised public hearing on 23rd day of August 19 94

WHEREFORE, the foregoing regulations are hereby:

[ ] Adopted [X] Amended as hereinabove stated [ ] Repealed

Effective:

[X] When filed with the Secretary of the State.

(OR)

[ ] The _____ day of _____ 19____.

In Witness Whereof:	DATE Dec 15, 1994	SIGNED *(Head of Board, Agency or Commission)* Timothy R.C. Keeney	OFFICIAL TITLE, DULY AUTHORIZED Commissioner / DEP
Approved by the Attorney General as to legal sufficiency in accordance with Sec. 4-169, as amended, C.G.S.:		SIGNED [illegible]	OFFICIAL TITLE, DULY AUTHORIZED Assoc Atty General 12/29/94

[X] Approved

[ ] Disapproved

[ ] Disapproved in part, *(Indicate Section Numbers disapproved only)*

[ ] Rejected without prejudice.

By the Legislative Regulation Review Committee in accordance with Sec. 4-170, as amended, of the General Statutes.	DATE 2/21/95	SIGNED *(Clerk of the Legislative Regulation Review Committee)* [illegible]

Two certified copies received and filed, and one such copy forwarded to the Commission on Official Legal Publications in accordance with Section 4-172, as amended, of the General Statutes.

DATE March 1, 1995	SIGNED *(Secretary of the State.)* Miles S. Rapoport	BY Peter J. Barlow

INSTRUCTIONS

1. One copy of all regulations for adoption, amendment or repeal, except emergency regulations, must be presented to the Attorney General for his determination of legal sufficiency. Section 4-169 of the General Statutes.

2. Seven copies of all regulations for adoption, amendment or repeal, except emergency regulations, must be presented to the standing Legislative Regulation Review Committee for its approval. Section 4-170 of the General Statutes.

3. Each regulation must be in the form intended for publication and must include the appropriate regulation section number and section heading. Section 4-172 of the General Statutes.

4. Indicate by "(NEW)" in heading if new regulation. Amended regulations must contain new language in capital letters and deleted language in brackets. Section 4-170 of the General Statutes.

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RECORDS & LEGISLATIVE SERVICES
SECRETARY OF THE STATE