

Issued in Austin, Texas, on December 17, 1986.

TRD-8611677

Louise Sanders
Acting Executive
Secretary
Board of Nurse
Examiners

Earliest possible date of adoption:
January 26, 1987
For further information, please call
(512) 835-4880.

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**TITLE 31. NATURAL
RESOURCES AND
CONSERVATION**
**Part III. Texas Air Control
Board**
**Chapter 115. Volatile Organic
Compounds**

**Surface Coating Processes in
Brazoria, Dallas, El Paso,
Galveston, Gregg, Harris,
Jefferson, Nueces, Orange,
Tarrant, and Victoria Counties**

★31 TAC §115.191

The Texas Air Control Board (TACB) an amendment to §115.191, concerning emission limitations. The amendment revises the compliance deadline for automobile and light-duty truck coating from December 31, 1986, to December 31, 1987. The amendment is proposed in response to a petition for a rule change from General Motors Corporation (GM).

In October of 1985, GM received a permit to build a paint shop using new technology at the Arlington plant to comply with the new volatile organic compound (VOC)

limits that were to go into effect December 31, 1986. The company proceeded with the construction of a building in which the new paint shop was to be located. However, in January, 1986, adverse marketing projections led to a corporate decision to cancel the project.

A declining market for the vehicle models produced at the Arlington plant made expansion economically infeasible. Therefore, the company will have to use add-on controls to meet the VOC limits for topcoat and final repair which are scheduled to be in compliance by December 31, 1986. Since this provides insufficient time to design and construct an add-on system and in view of GM's apparent good faith effort to achieve timely compliance, the TACB has determined that the request for a revision of the compliance date from December 31, 1986, to December 31, 1987, is justified.

Bennie Engelke, director, Management and Staff Services, has determined that for the first five-year period the proposed section will be in effect there will be no fiscal implications for state or local government or small businesses as a result of enforcing or administering the section.

Mr. Montgomery, P.E., director of technical support and regulation development, also has determined that for each year of the first five years the section is in effect the public benefit anticipated as a result of enforcing the section will be provision of short-term relief from a compliance deadline to a major Tarrant County employer at no long-term cost in air quality for county residents. There is no anticipated economic cost to individuals who are required to comply with the proposed section.

A public hearing on this proposal is scheduled for 7:00 p.m. on January 27,

1987. Copies of the proposed amendment are available from Russell Baier at the TACB central office and all TACB regional offices. Public comments, both oral and written, on the proposal are invited at the hearing. The TACB would appreciate receiving five copies of any written testimony prior to or at the hearing. Written testimony received by 4 p.m. on January 28, 1987, at the TACB central office will be included in the hearing record and should be sent to the Control Strategy Division, Texas Air Control Board, 6330 Highway 290 East, Austin, Texas 78723.

This amendment is proposed under Texas Civil Statutes, Article 4477-5, §3.09(a), which provide the TACB with the authority to make rules and regulations consistent with the general intent and purposes of the Texas Clean Air Act and to amend any rule or regulation the TACB makes.

§115.191. Emission Limitations.

No person may cause, suffer, allow, or permit volatile organic compound emissions from the surface coating processes (defined in §101.1 of this title (relating to Definitions)) affected by paragraphs (1) - (10) of this section to exceed the specified emission limits, which are based on a daily weighted average, except for those in paragraph (8) of this section, as detailed, and for those in paragraph (10) of this section which are based on paneling surface area.

(1)-(7) (No change.)

(8) Automobile and light-duty truck coating.

(A) (No change.)

(B) The following volatile organic compound emission limits shall be achieved, on the basis of solvent content per gallon of coating (minus water) applied, as soon as practicable, but no later than December 31, 1986:

Operation (including application, flashoff, and oven areas)	VOC Emission Limitation	
	pounds per gallon	kg per liter
prime application ¹ (body and front-end sheet metal)	1.2	0.15
primer surfacer application	2.8	0.34
topcoat application ^{2,3}	5.2 [2.8]	0.62 [0.34]
final repair application ²	6.5 [4.8]	0.78 [0.58]

(C) THE FOLLOWING VOLATILE ORGANIC COMPOUND EMISSION LIMITS SHALL BE ACHIEVED, ON THE BASIS OF SOLVENT CONTENT PER GALLON OF COATING (MINUS WATER) APPLIED, AS SOON AS PRACTICABLE BUT NO LATER THAN DECEMBER 31, 1987:

OPERATION (INCLUDING APPLICATION, FLASHOFF, AND OVEN AREAS)

VOC EMISSION LIMITATION
POUNDS PER GALLON KG PER LITER

PRIME APPLICATION ¹ (BODY AND FRONT-END SHEET METAL)	<u>1.2</u>	<u>0.15</u>
PRIMER SURFACER APPLICATION	<u>2.8</u>	<u>0.34</u>
TOPCOAT APPLICATION ²	<u>2.8</u>	<u>0.34</u>
FINAL REPAIR APPLICATION ²	<u>4.8</u>	<u>0.58</u>

- 1 Weighted average over a calendar month.
- 2 Arithmetic average of all coatings in stock for use in the process.
- 3 To be applied using electrostatic spray equipment in at least 75% of the automatic spray stations in the first topcoat application area.

(9)-(10) (No change.)

This agency hereby certifies that the proposal has been reviewed by legal counsel and found to be within the agency's authority to adopt.

issued in Austin, Texas, on December 19, 1986.

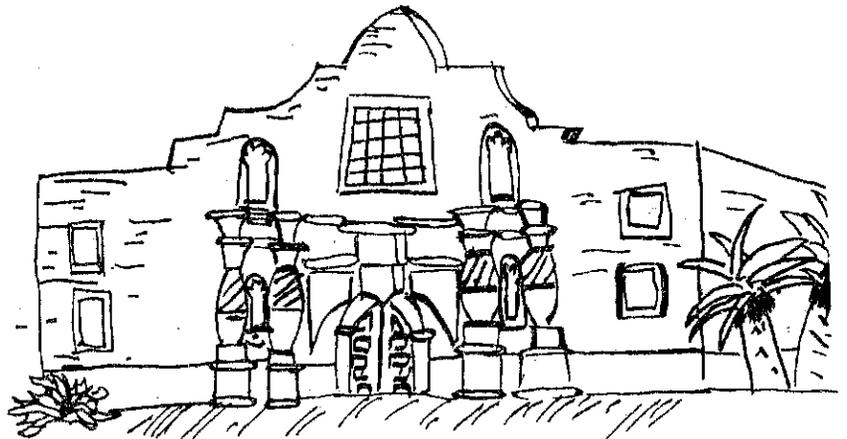
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Allen Ell Bell
 Executive Director
 Texas Air Control Board

Proposed date of adoption:

April 30, 1987

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