



Mitchell E. Daniels, Jr.
Governor

Thomas W. Easterly
Commissioner

100 North Senate Avenue
Indianapolis, Indiana 46204
(317) 232-8603
(800) 451-6027
www.IN.gov/idem

TO: Interested Parties / Applicant
DATE: April 26, 2005
RE: Master Guard Corporation / 045-16431-00011
FROM: Paul Dubenetzky
Chief, Permits Branch
Office of Air Quality

Notice of Decision – Approval

Please be advised that on behalf of the Commissioner of the Department of Environmental Management, I have issued a decision regarding the enclosed matter. Pursuant to 326 IAC 2, this approval was effective immediately upon submittal of the application.

If you wish to challenge this decision, IC 4-21.5-3-7 requires that you file a petition for administrative review. This petition may include a request for stay of effectiveness and must be submitted to the Office of Environmental Adjudication, 100 North Senate Avenue, Government Center North, Room 1049, Indianapolis, IN 46204, **within eighteen (18) calendar days from the mailing of this notice.** The filing of a petition for administrative review is complete on the earliest of the following dates that apply to the filing:

- (1) the date the document is delivered to the Office of Environmental Adjudication (OEA);
- (2) the date of the postmark on the envelope containing the document, if the document is mailed to OEA by U.S. mail; or
- (3) The date on which the document is deposited with a private carrier, as shown by receipt issued by the carrier, if the document is sent to the OEA by private carrier.

The petition must include facts demonstrating that you are either the applicant, a person aggrieved or adversely affected by the decision or otherwise entitled to review by law. Please identify the permit, decision, or other order for which you seek review by permit number, name of the applicant, location, date of this notice and all of the following:

- (1) the name and address of the person making the request;
- (2) the interest of the person making the request;
- (3) identification of any persons represented by the person making the request;
- (4) the reasons, with particularity, for the request;
- (5) the issues, with particularity, proposed for considerations at any hearing; and
- (6) identification of the terms and conditions which, in the judgment of the person making the request, would be appropriate in the case in question to satisfy the requirements of the law governing documents of the type issued by the Commissioner.

If you have technical questions regarding the enclosed documents, please contact the Office of Air Quality, Permits Branch at (317) 233-0178. Callers from within Indiana may call toll-free at 1-800-451-6027, ext. 3-0178.

Enclosures
FNPER-AM.dot 1/10/05



INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT

We make Indiana a cleaner, healthier place to live

Frank O'Bannon
Governor

Lori F. Kaplan
Commissioner

April 26, 2005

100 North Senate Avenue
P.O. Box 6015
Indianapolis, Indiana 46206-6015
(317) 232-8603
(800) 451-6027
www.state.in.us/idem

Mr. Jim Dodson
Master Guard Corp.
1200 East 8th Street
Veedersburg, IN 47987

Re: 045-16431
Second Administrative Amendment to
Part 70 045-10130-00011

Dear Mr. Dodson:

Master Guard Corp. was issued a permit on April 23, 2001 for a stationary automotive bumper manufacturing plant. A letter requesting an Administrative Amendment was received on August 5, 2002. The changes relate to the installation of robotic coating applicators on the basecoat booths identified as P-1-2, and clearcoat booths identified as P-1-3. The potential to emit of VOCs and PM from the spray booths will not increase as a result of the installation. In addition, the source requested that some description errors in First Administrative Amendment (No. 045-15567) be corrected. According to 326 IAC 2-7-11(a)(8), an Administrative Amendment can be used for a change that "revises descriptive information where the revision will not trigger a new applicable requirement or violate a permit term". The requested changes meet this requirement, therefore, pursuant to the provisions of 2-7-11 the permit is hereby administratively amended as follows (with ~~strikeout~~ to show deletions and **bold** to show additions):

(1) The facility description in Section A.2 is amended as follows:

A.2 Emission Units and Pollution Control Equipment Summary [326 IAC 2-7-4(c)(3)]
[326 IAC 2-7-5(15)]

This stationary source consists of the following emission units and pollution control devices:

- (a) An electrodeposition dip coat process, identified as P-1-1 in production line 1, with a maximum capacity of 180 nominal parts per hour, and internally vented
- (b) Two clearcoat booths, together identified as P-1-3 in production line 1, with a maximum total capacity of 180 nominal parts per hour, equipped with **robotic coating applicators** and two dry filters DF-1-3A and DF-1-3B, and exhausting through stacks S-1-3A and S-1-3B
- (c) An undercoat spray booth, identified as P-1-4, with a maximum capacity of 180 nominal parts per hour, equipped with a dry filter DF-1-4, and exhausting through stack S-1-4
- (d) Two natural gas fired boilers, identified as B-1 and B-2, each rated at 11.5 million British thermal units (MMBtu) per hour, and exhausting at stacks S-2-5 and S-2-6, respectively
- (e) Two basecoat spray booths, together identified as P-1-2 in production line 1, with a total maximum capacity of 180 nominal parts per hour, equipped with **robotic coating applicators** and two dry filters DF-1-2A and DF-1-2B, and exhausting through stacks S-1-2A and S-1-2B

- (f) One (1) **robotic electrodeposition** dip coat process, identified as P-2-1 in production line 2, with a maximum capacity of 180 nominal parts per hour, and internally vented
- (g) Two ~~basecoat~~ **clearcoat** spray booths, together identified as P-2-2 in production line 2, utilizing robotic application equipment, with a maximum total capacity of 180 nominal parts per hour, equipped with two dry filters DF-2-2A and DF-2-2B, and exhausting through stacks S-2-2A and S-2-2B
- (h) Two ~~clearcoat~~ **basecoat** booths, together identified as P-2-3 in production line 2, with a maximum total capacity of 180 nominal parts per hour, equipped with two dry filters DF-2-3A and DF-2-3B, and exhausting through stacks S-2-3A and S-2-3B
- (i) An undercoat spray booth, identified as P-2-4, with a maximum capacity of 180 nominal parts per hour, equipped with a dry filter DF-2-4, and exhausting through stack S-2-4
- (j) Two decorative chrome plating tanks, identified as CN-1 and CS-1, each with a maximum capacity of 180 nominal bumpers per hour, using fume suppressant and scrubbers SCN-1 and SCS-1 as control and exhausting through stack S-3-1. Operation of the scrubber is not required for compliance.
- (k) Two (2) spray booths applying clear undercoatings, identified as emission units P-2-5A and P-2-5B, each with a maximum capacity of 180 nominal parts per hour, with particulate matter emissions controlled by dry filters, and exhausting from stack vents S-2-5A and S-2-5B, respectively
- (l) Two chrome ~~anodizing~~ **cathodic** tanks, identified as CN-25 and CS-25, each with a maximum capacity of 90 nominal bumpers per hour, using a wetting agent and scrubbers SCN-1 and SCS-1 as control and exhausting through stack S-3-1. Operation of the scrubber is not required for compliance.

(2) The facility description in Section D.1 is amended as follows:

Facility Description [326 IAC 2-7-5(15)]

- (a) An electrodeposition dip coat process, identified as P-1-1 in production line 1, with a maximum capacity of 180 nominal parts per hour, and internally vented
- (b) Two clearcoat booths, together identified as P-1-3 in production line 1, with a maximum total capacity of 180 nominal parts per hour, equipped with **robotic coating applicators** and two dry filters DF-1-3A and DF-1-3B, and exhausting through stacks S-1-3A and S-1-3B
- (c) An undercoat spray booth, identified as P-1-4, with a maximum capacity of 180 nominal parts per hour, equipped with a dry filter DF-1-4, and exhausting through stack S-1-4
- (e) Two basecoat spray booths, together identified as P-1-2 in production line 1, with a total maximum capacity of 180 nominal parts per hour, equipped with **robotic coating applicators** and two dry filters DF-1-2A and DF-1-2B, and exhausting through stacks S-1-2A and S-1-2B
- (f) An electrodeposition dip coat process, identified as P-2-1 in production line 2, with a maximum capacity of 180 nominal parts per hour, and internally vented
- (g) Two ~~basecoat~~ **clearcoat** spray booths, together identified as P-2-2 in production line 2, with a maximum total capacity of 180 nominal parts per hour, equipped with two dry filters DF-2-2A and DF-2-2B, and exhausting through stacks S-2-2A and S-2-2B

(h) Two clearcoat basecoat booths, together identified as P-2-3 in production line 2, with a maximum total capacity of 180 nominal parts per hour, equipped with two dry filters DF-2-3A and DF-2-3B, and exhausting through stacks S-2-3A and S-2-3B

(i) An undercoat spray booth, identified as P-2-4, with a maximum capacity of 180 nominal parts per hour, equipped with a dry filter DF-2-4, and exhausting through stack S-2-4

(k) Two (2) spray booths applying clear undercoatings, identified as emission units P-2-5A and P-2-5B, each with a maximum capacity of 180 nominal parts per hour, with particulate matter emissions controlled by dry filters, and exhausting from stack vents S-2-5A and S-2-5B, respectively

(3) The facility description in Section D.3 is amended as follows:

Facility Description [326 IAC 2-7-5(15)]

(j) Two decorative chrome plating tanks, identified as CN-1 and CS-1, each with a maximum capacity of 180 nominal bumpers per hour, using fume suppressant and scrubbers SCN-1 and SCS-1 as control and exhausting through stack S-3-1. Operation of the scrubber is not required for compliance.

(l) Two chrome anodizing cathodic tanks, identified as CN-25 and CS-25, each with a maximum capacity of 90 nominal bumpers per hour, using a wetting agent and scrubbers SCN-1 and SCS-1 as control and exhausting through stack S-3-1. Operation of the scrubber is not required for compliance.

(4) Condition D.1.1(b) is amended as follows:

(b) Pursuant to 326 IAC 8-2-9 (Miscellaneous Metal Coating Operations) and 326 IAC 8-1-2(a)(7) (VOC Compliance methods), compliance with VOC content of 3.5 pounds of VOC per gallon of coating less water for all extreme performance coatings applied in spray booths P-1-2 and P-2-2 3 and electrodeposition dip booths P-1-1 and P-2-1, and a VOC content of 4.3 pounds of VOC per gallon of coating less water for all clearcoatings applied in spray booths P-1-3 and P-2-3 2, shall be based on daily volume-weighted averages, using the following equations:

For Line 1:

$$\sum (C_a * U) \leq \sum (C_l * U)$$

C_a = actual VOC content of coating in pounds of VOC per gallon of coating, less water

C_l = limited VOC content of coating in pounds of VOC per gallon of coating, less water
P-1-1 limit is 3.5 lb/gal P-1-2 limit is 3.5 lb/gal P-1-3 limit is 4.3 lb/gal

U = actual usage rate of coating in gallons per day

For Line 2:

$$\sum (C_a * U) \leq \sum (C_l * U)$$

C_a = actual VOC content of coating in pounds of VOC per gallon of coating, less water

C_l = limited VOC content of coating in pounds of VOC per gallon of coating, less water
P-2-1 limit is 3.5 lb/gal P-2-2 limit is 3.5 4.3 lb/gal P-2-3 limit is 4.3 3.5 lb/gal

U = actual usage rate of coating in gallons per day

All other conditions of the permit shall remain unchanged and in effect. Please attach a copy of this amendment and the following revised permit pages to the front of the original permit.

This decision is subject to the Indiana Administrative Orders and Procedures Act - IC 4-21.5-3-5. If you have any questions on this matter, please contact Madhurima Moulik, at (800) 451-6027, press 0 and ask for Madhurima Moulik or extension 3-0868, or dial (317)233-0868.

Sincerely,



Paul Dubenetzky, Chief
Permits Branch
Office of Air Quality

Attachments

mm

cc: File - Fountain County
U.S. EPA, Region V
Fountain County Health Department
Air Compliance Section Inspector - Jim Thorpe
Compliance Data Section - Karen Nowak
Administrative and Development
Technical Support and Modeling - Michele Boner



Frank O'Bannon
Governor

Lori F. Kaplan
Commissioner

100 North Senate Avenue
P.O. Box 6015
Indianapolis, Indiana 46206-6015
(317) 232-8603
(800) 451-6027
www.state.in.us/idem

PART 70 OPERATING PERMIT OFFICE OF AIR QUALITY

**MasterGuard Corporation
1200 East Eighth Street
Veedersburg, IN 47987**

(herein known as the Permittee) is hereby authorized to operate subject to the conditions contained herein, the source described in Section A (Source Summary) of this permit.

This permit is issued in accordance with 326 IAC 2 and 40 CFR Part 70 Appendix A and contains the conditions and provisions specified in 326 IAC 2-7 as required by 42 U.S.C. 7401, et. seq. (Clean Air Act as amended by the 1990 Clean Air Act Amendments), 40 CFR Part 70.6, IC 13-15 and IC 13-17.

Operation Permit No.: T045-10130-00011	
Issued by: Janet G. McCabe, Assistant Commissioner Office of Air Quality	Issuance Date: April 23, 2001 Expiration Date: April 23, 2006

First Administrative Amendment No. 045-15667

Issuance Date: March 11, 2002

Second Administrative Amendment No. 045-16431 Pages Modified: 5, 5a, 6, 27, 28, 33	
Issued by: <i>Paul Dubenetzky</i> Paul Dubenetzky, Branch Chief Office of Air Quality	Issuance Date: April 26, 2005

SECTION A

SOURCE SUMMARY

This permit is based on information requested by the Indiana Department of Environmental Management (IDEM), Office of Air Quality (OAQ). The information describing the source contained in conditions A.1 through A.3 is descriptive information and does not constitute enforceable conditions. However, the Permittee should be aware that a physical change or a change in the method of operation that may render this descriptive information obsolete or inaccurate may trigger requirements for the Permittee to obtain additional permits or seek modification of this permit pursuant to 326 IAC 2, or change other applicable requirements presented in the permit application.

A.1 General Information [326 IAC 2-7-4(c)] [326 IAC 2-7-5(15)]

The Permittee owns and operates a stationary automotive bumper manufacturing plant.

Responsible Officials:	William M. Goldstein - agent	Jim Dodson - manager
Source Address:	1200 E. 8 th St., Veedersburg, IN	
Mailing Address:	1200 E. 8 th St., Veedersburg, IN 47987	
SIC Code:	3465	
County Location:	Fountain	
Source Location Status:	Attainment for all criteria pollutants	
Source Status:	Part 70 Permit Program	
	Minor Source, under PSD	
	Major Source, Section 112 of the Clean Air Act	

A.2 Emission Units and Pollution Control Equipment Summary [326 IAC 2-7-4(c)(3)] [326 IAC 2-7-5(15)]

This stationary source consists of the following emission units and pollution control devices:

- (a) An electrodeposition dip coat process, identified as P-1-1 in production line 1, with a maximum capacity of 180 nominal parts per hour, and internally vented
- (b) Two clearcoat booths, together identified as P-1-3 in production line 1, with a maximum total capacity of 180 nominal parts per hour, equipped with robotic coating applicators and two dry filters DF-1-3A and DF-1-3B, and exhausting through stacks S-1-3A and S-1-3B
- (c) An undercoat spray booth, identified as P-1-4, with a maximum capacity of 180 nominal parts per hour, equipped with a dry filter DF-1-4, and exhausting through stack S-1-4
- (d) Two natural gas fired boilers, identified as B-1 and B-2, each rated at 11.5 million British thermal units (MMBtu) per hour, and exhausting at stacks S-2-5 and S-2-6, respectively
- (e) Two basecoat spray booths, together identified as P-1-2 in production line 1, with a total maximum capacity of 180 nominal parts per hour, equipped with robotic coating applicators and two dry filters DF-1-2A and DF-1-2B, and exhausting through stacks S-1-2A and S-1-2B
- (f) One (1) electrodeposition dip coat process, identified as P-2-1 in production line 2, with a maximum capacity of 180 nominal parts per hour, and internally vented
- (g) Two clearcoat spray booths, together identified as P-2-2 in production line 2, utilizing robotic application equipment, with a maximum total capacity of 180 nominal parts per hour, equipped with two dry filters DF-2-2A and DF-2-2B, and exhausting through stacks S-2-2A and S-2-2B

- (h) Two basecoat booths, together identified as P-2-3 in production line 2, with a maximum total capacity of 180 nominal parts per hour, equipped with two dry filters DF-2-3A and DF-2-3B, and exhausting through stacks S-2-3A and S-2-3B
 - (i) An undercoat spray booth, identified as P-2-4, with a maximum capacity of 180 nominal parts per hour, equipped with a dry filter DF-2-4, and exhausting through stack S-2-4
-

- (j) Two decorative chrome plating tanks, identified as CN-1 and CS-1, each with a maximum capacity of 180 nominal bumpers per hour, using fume suppressant and scrubbers SCN-1 and SCS-1 as control and exhausting through stack S-3-1. Operation of the scrubber is not required for compliance.
- (k) Two (2) spray booths applying clear undercoatings, identified as emission units P-2-5A and P-2-5B, each with a maximum capacity of 180 nominal parts per hour, with particulate matter emissions controlled by dry filters, and exhausting from stack vents S-2-5A and S-2-5B, respectively
- (l) Two chrome cathodic tanks, identified as CN-25 and CS-25, each with a maximum capacity of 90 nominal bumpers per hour, using a wetting agent and scrubbers SCN-1 and SCS-1 as control and exhausting through stack S-3-1. Operation of the scrubber is not required for compliance.

A.3 Specifically Regulated Insignificant Activities [326 IAC 2-7-1(21)] [326 IAC 2-7-4(c)] [326 IAC 2-7-5(15)]

This stationary source also includes the following insignificant activities which are specifically regulated, as defined in 326 IAC 2-7-1(21):

- (a) One (1) spray booth, identified as P-2-5C, with a capacity of 80 parts per hour, equipped with a High Volume Low Pressure (HVLP) spray system, with PM overspray emissions controlled by dry filters, and with VOC emissions less than 10 tons/year and PM emissions less than 5 tons/year. [326 IAC 6-3-2(c)]
- (b) Degreasing operations, i.e. 2 Safety Kleen parts washers, that do not exceed 145 gallons per 12 months, volatility of the solvents is less than 15 mm Hg at 38°C, solvents are not agitated or heated, and not subject to 326 IAC 20-6 [326 IAC 8-3-5]

A.4 Part 70 Permit Applicability [326 IAC 2-7-2]

This stationary source is required to have a Part 70 permit by 326 IAC 2-7-2 (Applicability) because:

- (a) It is a major source, as defined in 326 IAC 2-7-1(22);
- (b) It is a source in a source category designated by the United States Environmental Protection Agency (U.S. EPA) under 40 CFR 70.3 (Part 70 - Applicability).

SECTION D.1 FACILITY OPERATION CONDITIONS

Facility Description [326 IAC 2-7-5(15)]

- (a) An electrodeposition dip coat process, identified as P-1-1 in production line 1, with a maximum capacity of 180 nominal parts per hour, and internally vented
- (b) Two clearcoat booths, together identified as P-1-3 in production line 1, with a maximum total capacity of 180 nominal parts per hour, equipped with robotic coating applicators and two dry filters DF-1-3A and DF-1-3B, and exhausting through stacks S-1-3A and S-1-3B
- (c) An undercoat spray booth, identified as P-1-4, with a maximum capacity of 180 nominal parts per hour, equipped with a dry filter DF-1-4, and exhausting through stack S-1-4
- (d) Two basecoat spray booths, together identified as P-1-2 in production line 1, with a total maximum capacity of 180 nominal parts per hour, equipped with robotic coating applicators and two dry filters DF-1-2A and DF-1-2B, and exhausting through stacks S-1-2A and S-1-2B
- (e) One (1) electrodeposition dip coat process, identified as P-2-1 in production line 2, with a maximum capacity of 180 nominal parts per hour, and internally vented
- (f) Two clearcoat spray booths, together identified as P-2-2 in production line 2, utilizing robotic application equipment, with a maximum total capacity of 180 nominal parts per hour, equipped with two dry filters DF-2-2A and DF-2-2B, and exhausting through stacks S-2-2A and S-2-2B
- (g) Two basecoat booths, together identified as P-2-3 in production line 2, with a maximum total capacity of 180 nominal parts per hour, equipped with two dry filters DF-2-3A and DF-2-3B, and exhausting through stacks S-2-3A and S-2-3B
- (i) An undercoat spray booth, identified as P-2-4, with a maximum capacity of 180 nominal parts per hour, equipped with a dry filter DF-2-4, and exhausting through stack S-2-4
- (k) Two (2) spray booths applying clear undercoatings, identified as emission units P-2-5A and P-2-5B, each with a maximum capacity of 180 nominal parts per hour, with particulate matter emissions controlled by dry filters, and exhausting from stack vents S-2-5A and S-2-5B, respectively

Emission Limitations and Standards [326 IAC 2-7-5(1)]

D.1.1 326 IAC 8-2-9 (Miscellaneous Metal Coating)

- (a) Pursuant to 326 IAC 8-2-9 (Miscellaneous Metal Coating Operations) and 326 IAC 8-1-2(a)(7) (VOC Compliance methods), compliance with VOC content of 4.3 pounds of VOC per gallon of coating less water for all clear coatings applied in each spray booth P-1-4, P-2-4, P-2-5A, and P-2-5B shall be based on daily volume-weighted averages, using the following equation:

$$A = \sum (C * U) / \sum U \leq 4.3 \text{ lb VOC/gal}$$

- A = Daily volume weighted average in pounds of VOC per gallon of coating, less water
- C = VOC content of coating in pounds of VOC per gallon of coating, less water
- U = usage rate of coating in gallons per day

Compliance with VOC content of 3.5 pounds of VOC per gallon of coating less water for all non-clear or air-dried coatings delivered at spray booth P-1-4 shall be based on daily volume-weighted averages, using the following equation:

$$A = \sum (C * U) / \sum U \leq 3.5 \text{ lb VOC/gal}$$

- A = Daily volume weighted average in pounds of VOC per gallon of coating, less water
- C = VOC content of coating in pounds of VOC per gallon of coating, less water
- U = usage rate of coating in gallons per day

- (b) Pursuant to 326 IAC 8-2-9 (Miscellaneous Metal Coating Operations) and 326 IAC 8-1-2(a)(7) (VOC Compliance methods), compliance with VOC content of 3.5 pounds of VOC per gallon of coating less water for all extreme performance coatings applied in spray booths P-1-2 and P-2-3 and electrodeposition dip booths P-1-1 and P-2-1, and a VOC content of 4.3 pounds of VOC per gallon of coating less water for all clearcoatings applied in spray booths P-1-3 and P-2-2, shall be based on daily volume-weighted averages, using the following equations:

For Line 1:

$$\sum (C_a * U) \leq \sum (C_l * U)$$

- C_a = actual VOC content of coating in pounds of VOC per gallon of coating, less water
- C_l = limited VOC content of coating in pounds of VOC per gallon of coating, less water
P-1-1 limit is 3.5 lb/gal P-1-2 limit is 3.5 lb/gal P-1-3 limit is 4.3 lb/gal
- U = actual usage rate of coating in gallons per day

For Line 2:

$$\sum (C_a * U) \leq \sum (C_l * U)$$

- C_a = actual VOC content of coating in pounds of VOC per gallon of coating, less water
- C_l = limited VOC content of coating in pounds of VOC per gallon of coating, less water
P-2-1 limit is 3.5 lb/gal P-2-2 limit is 4.3 lb/gal P-2-3 limit is 3.5 lb/gal
- U = actual usage rate of coating in gallons per day

- (c) Pursuant to 326 IAC 8-2-9 (Miscellaneous Metal Coating Operations), solvent sprayed from application equipment during cleanup or color changes shall be directed into containers. Such containers shall be closed as soon as such solvent spraying is complete, and the waste solvent shall be disposed of in such a manner that evaporation is minimized.
- (d) The requirement from CP 045-2458, issued April 6, 1992,
“ The VOC content of the coating delivered to the applicator shall not exceed 3.5 pounds per gallon, less water, pursuant to the rule”

is not applicable because the applicators are delivering different coatings than those to which the requirement referred. Conditions D.1.1. (a) and (b) satisfy the requirements of 326 IAC 8-2-9.

SECTION D.3

FACILITY OPERATION CONDITIONS

Facility Description [326 IAC 2-7-5(15)]

- (j) Two decorative chrome plating tanks, identified as CN-1 and CS-1, each with a maximum capacity of 180 nominal bumpers per hour, using fume suppressant and scrubbers SCN-1 and SCS-1 as control and exhausting through stack S-3-1. Operation of the scrubber is not required for compliance.
- (l) Two chrome cathodic tanks, identified as CN-25 and CS-25, each with a maximum capacity of 90 nominal bumpers per hour, using a wetting agent and scrubbers SCN-1 and SCS-1 as control and exhausting through stack S-3-1. Operation of the scrubber is not required for compliance.

Emission Limitations and Standards [326 IAC 2-7-5(1)]

D.3.1 General Provisions Relating to HAPs [326 IAC 20-1-1][40 CFR Part 63, Subpart A]

The provisions of 40 CFR Part 63, Subpart A - General Provisions, which are incorporated by reference as 326 IAC 20-1-1, apply to the facilities described in this section except when otherwise specified in 40 CFR Part 63, Subpart N.

D.3.2 Chromium Electroplating and Anodizing NESHAP [326 IAC 20-8-1] [40 CFR Part 63, Subpart N]

The provisions of 40 CFR 63, Subpart N - National Emission Standards for Chromium Emissions From Hard and Decorative Chromium Electroplating and Chromium Anodizing Tanks, which are incorporated by reference as 326 IAC 20-8-1, apply to tanks CN-1, CS-1, CN-25 and CS-25. A copy of this rule is attached.

D.3.3 Chromium Emissions Limitation [40 CFR 63.342(c)] [40 CFR 63.343(a)(1)&(2)]

- (a) The emission limitations in this condition apply only during tank operation, and also apply during periods of startup and shutdown as these are routine occurrences for tanks subject to 326 IAC 20-8-1. The emission limitations do not apply during periods of malfunction.
- (b) During tank operation, the Permittee shall control chromium emissions discharged to the atmosphere from tank tanks CN-1, CS-1, CN-25 and CS-25 by not allowing the surface tension of the electroplating bath contained within the tanks to exceed forty-five dynes per centimeter (dynes/cm) (3.1×10^{-3} pound-force per foot [lbf/ft]) at any time during operation of the tanks.

Pursuant to 40 CFR 63.343(c)(5)(i), the Permittee has accepted 45 dynes/cm as the maximum surface tension value that corresponds to compliance with the applicable emission limitation, 0.01 mg/dscm (4.4×10^{-6} gr/dscf) in lieu of establishing the maximum surface tension during an initial performance test.

D.3.4 Work Practice Standards [40 CFR 63.342(f)]

The following work practice standards apply to tanks CN-1, CS-1, CN-25 and CS-25:

- (a) At all times, including periods of startup, shutdown and malfunction, the Permittee shall operate and maintain the tanks, fume suppressant system, and monitoring equipment in a manner consistent with good air pollution control practices, consistent with the Operation and Maintenance Plan (OMP) required by Condition D.3.6.
- (b) Malfunctions and excess emissions shall be corrected as soon as practicable after their occurrence in accordance with the OMP required by Condition D.3.6.