INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
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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: February 1, 2007

RE: Delta Faucet Company / 031-24039-00007

FROM: Nisha Sizemore
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 03/23/06

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Mr. Russell Parks
Delta Faucet Company
P.O. Box 47
Greensburg, Indiana 47240

February 1, 2007

Re: 031-24039-00007
Fifth Notice-only Change to
MSOP 031-11706-00007

Dear Mr. Parks:

Delta Faucet Company was issued a MSOP permit on May 25, 2000 for a stationary chrome faucet electroplating source. A letter requesting to replace an old powder coating booth with a new booth was received December 6, 2006. Pursuant to the provisions of 326 IAC 2-6.1-6(d)(2) and (5), the permit is hereby changed as follows:

1. The authorized individual changed from Mr. Russell Parks to the Roy Howard, Plant Manager. Mr. Howard meets the requirements of 326 IAC 2-1.1-1(1) as an authorized individual. The **bold faced language** is new language that has been added and ~~language with a line drawn through~~ is language that has been removed. The following changes were made to Sections A.1, A.2 and D.3 of the permit:

A.1 General Information [326 IAC 2-5.1-3(c)] [326 IAC 2-6.1-4(a)]

The Permittee owns and operates a stationary chrome faucet electroplating source.

Authorized Individual:	~~Russell Parks~~ **Roy Howard**
Source Address:	1425 West Main Street, Greensburg, Indiana 47240
Mailing Address:	P.O. Box 47, Greensburg, Indiana 47240
Phone Number:	812 - 663 - 4433
SIC Code:	3432
County Location:	Decatur
County Status:	Attainment for all criteria pollutants
Source Status:	Minor Source Operating Permit Minor Source, under PSD Rules; Minor Source, Section 112 of the Clean Air Act

2. Delta Faucet Company is replacing an old powder spray booth, identified as 1421 with a new powder spray booth, identified as 4446, that is designed to be more production-related efficient. The replacement of the spray booth meets the requirements of a notice-only change per 326 IAC 2-6.1-6(d) since the replacement booth will be similar to an existing booth, identified as 4160, installed at the facility. The replacement booth will comply with the same applicable requirements, permit terms and conditions of the existing booth. The rates of powder application and pounds of raw material usage will not increase. The following changes were made to the powder spray booth in Sections A.2 and D.3:

A.2 Emission Units and Pollution Control Equipment Summary

This stationary source is approved to construct and operate the following emission units and pollution control devices:

(n) One (1) powder spray booth, identified as ~~1421~~ **4446**, equipped with a baghouse and exhausting to stack ~~1421~~ **4446**, capacity: 13.9 pounds of powder per hour and 1,000 pounds per hour of raw materials.

SECTION D.3 EMISSIONS UNIT OPERATION CONDITIONS

Emissions Unit Description:

(n) One (1) powder spray booth, identified as ~~1421~~ **4446**, equipped with a baghouse and exhausting to stack ~~1421~~ **4446** capacity: 16 pounds of powder per hour and 1,000 pounds per hour of raw materials.

D.3.1 Particulate Matter (PM) [326 IAC 6-3-2]

(a) The particulate matter (PM) from the powder spray booth identified as ~~1421~~ **4446** shall be limited to 2.58 pounds per hour when operating at a process weight rate of 1,000 pounds per hour.

(b) The particulate matter (PM) from the powder spray booth, identified as 1599, shall be limited to no more than 0.551 pound per hour when operating at a process weight rate of less than 100 pounds per hour.

(c) The particulate matter (PM) from powder spray booth, identified as 4160, shall be limited to 7.33 pounds per hour when operating at a process weight rate of 4760 pounds per hour.

These limitations were determined by the following:

Interpolation of the data for the process weight rate up to sixty thousand (60,000) pounds per hour shall be accomplished by use of the equation:

$E = 4.10 P^{0.67}$ where E = rate of emission in pounds per hour and
P = process weight rate in tons per hour

Compliance Determination Requirements [326 IAC 2-1.1-11]

D.3.2 Particulate Matter (PM) [326 IAC 6-3-2]

(a) The particulate matter (PM) from the powder spray booth identified as ~~1421~~ **4446** shall be limited to 2.58 pounds per hour when operating at a process weight rate of 1,000 pounds per hour.

All other conditions of the permit shall remain unchanged and in effect. As a convenience, a revised version of the permit is being provided

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 Gary Freeman, of my staff, at 317-233-5334 or 1-800-451-6027, and ask for extension 3-5334.

Sincerely,

Original signed by

Iryn Calilung, Section Chief
Permits Branch
Office of Air Quality

Attachments: Revised Permit
IC/gkf
cc: File – Decatur County
Decatur County Health Department
Air Compliance Section – Dave Rice
Permit Review Section 4 - Gary Freeman
Billing, Licensing and Training Section

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CONSTRUCTION PERMIT
and MINOR SOURCE OPERATING PERMIT
OFFICE OF AIR QUALITY

Delta Faucet Company
1425 West Main Street
Greensburg, Indiana 47240

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

This permit is issued to the above mentioned company under the provisions of 326 IAC 2-1.1, (326 IAC 2-5.1, 326 IAC 2-6.1 and 40 CFR 52.780, with conditions listed on the attached pages.

Operation Permit No.: MSOP 031-11706-00007	
Issued by: Original Signed by: Paul Dubenetzky, Branch Chief Office of Air Quality	Issuance Date: May 25, 2000

First Minor Permit Revision 031-12463-00007, issued December 19, 2000
First Notice-only Change 031-15232-00007, issued January 25, 2002
Second Notice-only Change 031-16811-00007, issued February 3, 2003
Second Minor Permit Revision 031-17357-00007, issued May 21, 2003
Third Notice-only Change 031-18239-00007, issued December 15, 2003
Third Minor Permit Revision 031-18647-00007, issued March 15, 2004
Fourth Notice-only Change 031-21444-00007, issued March 15, 2006

Fifth Notice-only Change: 031-24039-00007	Conditions Affected: A.1, A.2 and D.3
Original signed by: Iryn Calilung, Section Chief Permits Branch Office of Air Quality	Issuance Date: February 1, 2007

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D.2.2 Volatile Organic Compounds (VOC) [326 IAC 8-3]

Compliance Determination Requirements [326 IAC 2-1.1-11]
D.2.3 Particulate Matter (PM)

D.3 EMISSIONS UNIT OPERATION CONDITIONS: Powder Coating

Emission Limitations and Standards [326 IAC 2-6.1-5(1)]
D.3.1 Particulate Matter (PM) [326 IAC 6-3-2]

Compliance Determination Requirements [326 IAC 2-1.1-11]
D.3.2 Particulate Matter (PM)

D.4 EMISSIONS UNIT OPERATION CONDITIONS: Three (3) boilers

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D.7.2 Chromium Electroplating NESHAP [326 IAC 20-8-1] [40 CFR 63.342(c)&(f)] [40 CFR 63.343(a)(1)&(2)]
D.7.3 Preventive Maintenance Plan [326 IAC 1-6-3]
D.7.4 Operation and Maintenance Plan [40 CFR 63.342(f)(3)]

Compliance Determination Requirements [326 IAC 2-1.1-11]

D.7.5 Performance Testing Requirements [326 IAC 2-1.1-11] [40 CFR 63.344] [40 CFR 63.343(b)(2)] [40 CFR 63.7]

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D.7.7 Record Keeping Requirements [326 IAC 2-5.1-3(e)(2)] [326 IAC 2-6.1-5(a)(2)] [40 CFR 63.346]

D.7.8 Reporting Requirements [326 IAC 2-5.1-3(e)(2)] [326 IAC 2-6.1-5(a)(2)] [40 CFR 63.344(a)] [40 CFR 63.345] [40 CFR 63.347]

D.8 EMISSIONS UNIT OPERATION CONDITIONS: Chromium Electroplating

Emission Limitations and Standards [326 IAC 2-6.1-5(1)]

D.8.1 General Provisions Relating to HAPs [326 IAC 20-1-1] [40 CFR Part 63, Subpart A]

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D.8.4 Work Practice Standards [40 CFR 63.342(f)] [326 IAC 20-8-1]

D.8.5 Preventive Maintenance Plan [326 IAC 1-6-3]

D.8.6 Operation and Maintenance Plan [40 CFR 63.342(f)(3)] [326 IAC 20-8-1]

Compliance Determination Requirements [326 IAC 2-1.1-11]

D.8.7 Performance Testing [326 IAC 2-1.1-11] [40 CFR 63.343(b)(1)] [40 CFR 63.343(b)(2)] [40 CFR 63.7] [40 CFR 63.344] [326 IAC 20-8-1]

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Compliance Monitoring Requirements [326 IAC 2-5.1-3(e)(2)] [326 IAC 2-6.1-5(a)(2)]

D.8.9 Monitoring to Demonstrate Continuous Compliance [326 IAC 2-5.1-3(e)(2)] [326 IAC 2-6.1-5(a)(2)] [40 CFR 63.343(c)] [326 IAC 20-8-1]

Record Keeping and Reporting Requirements [326 IAC 2-5.1-3(e)(2)] [326 IAC 2-6.1-5(a)(2)]

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D.8.11 Reporting Requirements [326 IAC 2-5.1-3(e)(2)] [326 IAC 3-6-4(b)] [40 CFR 63.344(a), 63.345 and 63.347] [326 IAC 20-8-1]

Malfunction Report

Annual Notification

Natural Gas Fired Boiler Certification

Chromium Electroplating NESHAP Ongoing Compliance Status Report

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.2 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 2-5.1-3(c)] [326 IAC 2-6.1-4(a)]

The Permittee owns and operates a stationary chrome faucet electroplating source.

Authorized Individual:	Roy Howard
Source Address:	1425 West Main Street, Greensburg, Indiana 47240
Mailing Address:	P.O. Box 47, Greensburg, Indiana 47240
Phone Number:	812 - 663 - 4433
SIC Code:	3432
County Location:	Decatur
County Status:	Attainment for all criteria pollutants
Source Status:	Minor Source Operating Permit Minor Source, under PSD Rules; Minor Source, Section 112 of the Clean Air Act

A.2 Emission Units and Pollution Control Equipment Summary

This stationary source is approved to construct and operate the following emission units and pollution control devices:

(a) One (1) decorative chromium electroplating tank, identified as T27, constructed prior to December 16, 1993, using a hexavalent chromium bath, using a chemical fume suppressant containing a wetting agent for control and exhausting at stack 1038Cr. This tank is also equipped with a packed-bed scrubber that is not used for compliance.

(b) One (1) decorative chromium electroplating tank, identified as T23, constructed prior to December 16, 1993, using a hexavalent chromium bath, using a chemical fume suppressant containing a wetting agent for control and exhausting at stack 281Cr. This tank is also equipped with a packed-bed scrubber that is not used for compliance.

(c) One (1) nickel electroplating bath, identified as T23, equipped with a wet scrubber and exhausting at stack 1038Ni.

(d) One (1) nickel electroplating bath, identified as T18, equipped with a wet scrubber and exhausting at stack 281Ni.

(e) One (1) copper plating tank, identified as 1038, equipped with a wet scrubber and exhausting at stack 1038Cu.

(f) One (1) cyanide plating tank, identified as T18, equipped with a wet scrubber and exhausting at stack 574.

(g) One (1) formaldehyde electroless plating tank, identified as EC Tank T12/T13, equipped with a wet scrubber and exhausting at stack 489.

(h) One (1) Brite Dip tank, identified as T14, equipped with a wet scrubber and exhausting at stack 1715.

(i) Two (2) strip lines, identified as 255R and 255P, using nitric acid and sulfuric acid, respectively, and equipped with wet scrubbers and exhausting at stacks 255R and 255P, respectively. A used acid tank and acid/cleaner tank exhaust to the same scrubber as strip

line 255R and stack 255R.

(j) Buffing operations, equipped with three (3) air washers, identified as 2125, 2490 and 3011, and exhausting at stacks 2126, 2491 and 3011, respectively.

(k) Brazing operations, identified as 10200, exhausting at stacks 1183, 1873, 1874, 1212 and 1105, capacity: 10.3 pounds per hour of solder, 1,800 pounds per hour of brass or copper parts, and 5.72 million British thermal units per hour.

(l) One (1) cure oven, identified as 569, fired by natural gas and exhausting at stacks 569 North and 569 South, capacity: 3.6 million British thermal units per hour.

(m) One (1) natural gas fired fluidized bed burn-off oven, rated at 0.99 million British thermal units per hour (MMBtu/hr), with a maximum capacity of 301 pounds per hour of parts and 1.56 pounds per hour of sand, using a cyclone for particulate matter control, and exhausting at one (1) stack identified as 2918.

(n) One (1) powder spray booth, identified as 4446, equipped with a baghouse and exhausting to stack 4446, capacity: 13.9 pounds of powder per hour and 1,000 pounds per hour of raw materials.

(o) One (1) boiler, identified as 1854, constructed in 1993, fired by natural gas and exhausting at stack 1854, capacity: 2.10 million British thermal units per hour.

(p) Two (2) boilers, identified as 1307 and 1308, constructed in 1987, fired by natural gas and exhausting at stack 1307/1308, capacity: 0.75 million British thermal units per hour, each.

(q) One (1) boiler, identified as 586, constructed in 1975, fired by natural gas, exhausting at stack 586, capacity: 25.20 million British thermal units per hour.

(r) One (1) boiler, identified as 1513, constructed in 1990, fired by natural gas, exhausting at stack 1513, capacity: 32.94 million British thermal units per hour.

(s) One (1) boiler, identified as 2256, constructed in 1994, fired by natural gas, exhausting at stack 2256, capacity: 14.70 million British thermal units per hour.

(t) One (1) decorative chromium electroplating tank, identified as T21, using a hexavalent chromium bath, using a chemical fume suppressant containing a wetting agent for control and exhausting at stack 253Cr. This tank is also equipped with a composite mesh pad scrubber that is not used for compliance.

(u) One (1) rack strip line, identified as 1038, consisting of (2) rack strip tanks, four (4) rinse tanks and one (1) hot rinse tank, equipped with a wet scrubber and exhausting to stack 3230, maximum capacity: 2.05 pounds of alkaline cleaner per hour, 0.09 pound of aqua ammonia per hour, 0.06 pound of Acetic Acid per hour, and 0.49 pound of Nitric Acid per hour.

(v) One (1) powder spray booth, identified as 1599, constructed in April 1991, equipped with a baghouse and exhausting through stack 1599, capacity: 3.978 pounds of powder per hour and 34 pounds of parts coated per hour.

(w) One (1) WWT sludge dryer, identified as 2209, equipped with a wet scrubber.

(x) One (1) maintenance welding booth, identified as Boot 11-1, exhausting to stack 11-1, capacity: 0.2 pound of Oxyacetylene welding wire per hour.

(y) One (1) tool room welding booth, exhausting to stack 1799, capacity: 0.2 pound of Oxyacetylene welding wire per hour.

(z) Two (2) lab hoods.

(aa) One (1) inductively coupled plasma (ICP) unit.

(bb) One (1) natural gas-fired drying oven, with a heat input capacity of 0.5MMBtu/hr, capable of drying a maximum of 300 pounds of plastic parts per hour, in 1300 pounds of steel rack per hour, and exhausting at one (1) stack identified as 3559.

(cc) One (1) 0.8 MMBtu/hr natural gas fired curing oven, identified as curing oven 3641, curing epoxy coating onto parts at a maximum rate of 40 pounds per hour, with emissions exhausted through Stack 3641.

(dd) One (1) multi-finish electroplating line, with a capacity of 1,800 pounds of metal and plastic parts per hour, consisting of the following:

(1) Five (5) nickel plating tanks, identified as stations 32 through 35, 39 through 42, 46, and 49 through 56, equipped with the nickel/clean scrubber, and exhausting through the Multi-Finish Line Nickel/Cleaner Scrubber Stack;

(2) One (1) copper sulfate plating tank, identified as stations 27 and 28, equipped with the nickel/clean scrubber, and exhausting through the Multi-Finish Line Nickel/Cleaner Scrubber Stack;

(3) One (1) decorative chromium plating tank identified as tank 3700-S6869, with two (2) stations, identified as stations 68 and 69, using a fume suppressant containing a wetting agent as control, and exhausting through the chromium scrubber, which is a combination packed-bed scrubber and mesh-pad system and is not used for compliance, and the Multi-Finish Line Chromium Scrubber Stack;

(4) One (1) chrome pre-dip tank, identified as station 64, equipped with the chromium scrubber, and exhausting through the Multi-Finish Line Chromium Scrubber Stack;

(5) Two (2) rack strip tanks, identified as stations 207 and 208, equipped with the rack strip scrubber, and exhausting through the Multi-Finish Line Rack Strip Scrubber Stack;

(6) Three (3) chrome strip tanks, identified as stations 15, 197 and 198, equipped with the nickel/clean scrubber, and exhausting through the Multi-Finish Line Nickel/Cleaner Scrubber Stack;

(7) Rinse tanks, equipped with the nickel/clean scrubber, and exhausting through the Multi-Finish Line Nickel/Cleaner Scrubber Stack; and

(8) Ten (10) cleaner tanks, identified as stations 4, 5, 7, 8, 11, 12, 18, 22, 25 and 62, equipped with the nickel/clean scrubber, and exhausting through the Multi-Finish Line Nickel/Cleaner Scrubber Stack.

(ee) One (1) powder spray booth, identified as 4160, equipped with a baghouse and exhausting to stack 4160, capacity: 13.9 pounds of powder per hour and 4760 pounds per hour of parts.

(ff) One (1) dry-off oven, identified as 4160, fired by natural gas and exhausting at stack 4160, capacity: 0.5 million British thermal units per hour.

(gg) One (1) cure oven, identified as 4160, fired by natural gas and exhausting at stack 4160, capacity: 0.8 million British thermal units per hour.

SECTION B GENERAL CONSTRUCTION CONDITIONS

THIS SECTION OF THE PERMIT IS BEING ISSUED UNDER THE PROVISIONS OF 326 IAC 2-1.1 AND 40 CFR 52.780, WITH CONDITIONS LISTED BELOW.

B.1 Permit No Defense [IC 13]

This permit to construct does not relieve the Permittee of the responsibility to comply with the provisions of the Indiana Environmental Management Law (IC 13-11 through 13-20; 13-22 through 13-25; and 13-30), the Air Pollution Control Law (IC 13-17) and the rules promulgated thereunder, as well as other applicable local, state, and federal requirements.

B.2 Definitions

Terms in this permit shall have the definition assigned to such terms in the referenced regulation. In the absence of definitions in the referenced regulation, any applicable definitions found in IC 13-11, 326 IAC 1-2, and 326 IAC 2-1.1-1 shall prevail.

B.3 Effective Date of the Permit [IC13-15-5-3]

Pursuant to IC 13-15-5-3, this permit becomes effective upon its issuance.

B.4 Revocation of Permits [326 IAC 2-1.1-9(5)]

Pursuant to 326 IAC 2-1.1-9(5)(Revocation of Permits), the Commissioner may revoke this permit if construction is not commenced within eighteen (18) months after receipt of this approval or if construction is suspended for a continuous period of one (1) year or more.

B.5 Modification to Permit [326 IAC 2

Notwithstanding the Section B condition entitled AMinor Source Operating Permit@, all requirements and conditions of this construction permit shall remain in effect unless modified in a manner consistent with procedures established for modifications of construction permits pursuant to 326 IAC 2 (Permit Review Rules).

B.6 Minor Source Operating Permit [326 IAC 2-6.1]

This document shall also become a minor source operating permit pursuant to 326 IAC 2-6.1 when, prior to start of operation, the following requirements are met:

(a) The attached Affidavit of Construction shall be submitted to the Office of Air Quality (OAQ), Permit Administration & Development Section.

(1) If the Affidavit of Construction verifies that the facilities covered in this Construction Permit were constructed as proposed in the application, then the facilities may begin operating on the date the Affidavit of Construction is postmarked or hand delivered to IDEM.

(2) If the Affidavit of Construction does not verify that the facilities covered in this Construction Permit were constructed as proposed in the application, then the Permittee shall receive an Operation Permit Validation Letter from the Chief of the Permit Administration & Development Section prior to beginning operation of the facilities.

(b) If construction is completed in phases; i.e., the entire construction is not done continuously, a separate affidavit must be submitted for each phase of construction. Any permit conditions associated with operation start up dates such as stack testing for New Source Performance Standards (NSPS) shall be applicable to each individual phase.

(c) Upon receipt of the Operation Permit Validation Letter from the Chief of the Permit Administration & Development Section, the Permittee shall attach it to this document.

(d) The operation permit will be subject to annual operating permit fees pursuant to 326 IAC 2-1.1-7.

(e) Pursuant to 326 IAC 2-6.1-7, the Permittee shall apply for an operation permit renewal at least ninety (90) days prior to the expiration date established in the validation letter. If IDEM, OAQ, upon receiving a timely and complete permit application, fails to issue or deny the permit renewal prior to the expiration date of this permit, this existing permit shall not expire and all terms and conditions shall continue in effect until the renewal permit has been issued or denied. The operation permit issued shall contain as a minimum the conditions in Section C and Section D of this permit.

SECTION C SOURCE OPERATION CONDITIONS

Entire Source

C.1 PSD and Part 70 Minor Source Status [326 IAC 2-2] [40 CFR 52.21] [326 IAC 2-7]

(a) The total source potential to emit of each criteria pollutant is less than 250 tons per year. Therefore the requirements of 326 IAC 2-2 (Prevention of Significant Deterioration) and 40 CFR 52.21 will not apply.

(b) Any change or modification which may increase potential to emit to 250 tons per year from this source, shall cause this source to be considered a major source under PSD, 326 IAC 2-2 and 40 CFR 52.21, and shall require approval from IDEM, OAQ prior to making the change.

(c) Any change or modification which may increase potential to emit to 10 tons per year of any single hazardous air pollutant, twenty-five (25) tons per year of any combination of hazardous air pollutants, or 100 tons per year of any other regulated pollutant from this source, shall cause this source to be considered a major source under Part 70 Permit Program, 326 IAC 2-7, and shall require approval from IDEM, OAQ prior to making the change.

C.2 Preventive Maintenance Plan [326 IAC 1-6-3]

(a) If required by specific condition(s) in Section D of this permit, the Permittee shall prepare and maintain Preventive Maintenance Plans (PMP) after issuance of this permit, including the following information on each emissions unit:

(1) Identification of the individual(s) responsible for inspecting, maintaining, and repairing emission control devices;

(2) A description of the items or conditions that will be inspected and the inspection schedule for said items or conditions;

(3) Identification and quantification of the replacement parts that will be maintained in inventory for quick replacement.

(b) The Permittee shall implement the Preventive Maintenance Plans as necessary to ensure that failure to implement the Preventive Maintenance Plan does not cause or contribute to a violation of any limitation on emissions or potential to emit.

(c) PMP=s shall be submitted to IDEM, OAQ, upon request and shall be subject to review and approval by IDEM, OAQ. IDEM, OAQ, may require the Permittee to revise its Preventive Maintenance Plan whenever lack of proper maintenance causes or contributes to any violation.

C.3 Permit Revision [326 IAC 2-5.1-3(e)(3)] [326 IAC 2-6.1-6]

(a) The Permittee must comply with the requirements of 326 IAC 2-6.1-6 whenever the Permittee seeks to amend or modify this permit.

(b) Any application requesting an amendment or modification of this permit shall be submitted to:

Indiana Department of Environmental Management
Permits Branch, Office of Air Quality
100 North Senate Avenue
Indianapolis, Indiana 46204-2251

Any such application should be certified by the Aauthorized individual@ as defined by 326 IAC 2-1.1-1.

(c) The Permittee shall notify the OAQ within thirty (30) calendar days of implementing a notice-

only change. [326 IAC 2-6.1-6(d)]

C.4 Inspection and Entry [326 IAC 2-5.1-3(e)(4)(B)] [326 IAC 2-6.1-5(a)(4)]

Upon presentation of proper identification cards, credentials, and other documents as may be required by law, and subject to the Permittee=s right under all applicable laws and regulations to assert that the information collected by the agency is confidential and entitled to be treated as such, the Permittee shall allow IDEM, OAQ, U.S. EPA, or an authorized representative to perform the following:

(a) Enter upon the Permittee's premises where a source is located, or emissions related activity is conducted, or where records must be kept under the conditions of this permit;

(b) Have access to and copy, at reasonable times, any records that must be kept under the conditions of this permit;

(c) Inspect, at reasonable times, any facilities, equipment (including monitoring and air pollution control equipment), practices, or operations regulated or required under this permit;

(d) Sample or monitor, at reasonable times, substances or parameters for the purpose of assuring compliance with this permit or applicable requirements; and

(e) Utilize any photographic, recording, testing, monitoring, or other equipment for the purpose of assuring compliance with this permit or applicable requirements.

C.5 Transfer of Ownership or Operation [326 IAC 2-6.1-6(d)(3)]

Pursuant to [326 IAC 2-6.1-6(d)(3)]:

(a) In the event that ownership of this source is changed, the Permittee shall notify IDEM, OAQ, Permits Branch, within thirty (30) days of the change.

(b) The written notification shall be sufficient to transfer the permit to the new owner by an notice-only change pursuant to 326 IAC 2-6.1-6(d)(3).

(c) IDEM, OAQ, shall issue a revised permit.

The notification which shall be submitted by the Permittee does require the certification by the Aauthorized individual@ as defined by 326 IAC 2-1.1-1.

C.6 Permit Revocation [326 IAC 2-1-9]

Pursuant to 326 IAC 2-1-9(a)(Revocation of Permits), this permit to construct and operate may be revoked for any of the following causes:

(a) Violation of any conditions of this permit.

(b) Failure to disclose all the relevant facts, or misrepresentation in obtaining this permit.

(c) Changes in regulatory requirements that mandate either a temporary or permanent reduction of discharge of contaminants. However, the amendment of appropriate sections of this permit shall not require revocation of this permit.

(d) Noncompliance with orders issued pursuant to 326 IAC 1-5 (Episode Alert Levels) to reduce emissions during an air pollution episode.(e) For any cause which establishes in the judgment of IDEM, the fact that continuance of this permit is not consistent with purposes of this article.

C.7 Opacity [326 IAC 5-1]

Pursuant to 326 IAC 5-1-2 (Opacity Limitations), except as provided in 326 IAC 5-1-3 (Temporary alternative opacity limitations), opacity shall meet the following, unless otherwise stated in this permit:

(a) Opacity shall not exceed an average of forty percent (40%) in any one (1) six (6) minute

averaging period as determined in 326 IAC 5-1-4.

(b) Opacity shall not exceed sixty percent (60%) for more than a cumulative total of fifteen (15) minutes (sixty (60) readings) as measured according to 40 CFR 60, Appendix A, Method 9 or fifteen (15) one (1) minute nonoverlapping integrated averages for a continuous opacity monitor in a six (6) hour period.

C.8 Fugitive Dust Emissions [326 IAC 6-4]

The Permittee shall not allow fugitive dust to escape beyond the property line or boundaries of the property, right-of-way, or easement on which the source is located, in a manner that would violate 326 IAC 6-4 (Fugitive Dust Emissions). 326 IAC 6-4-2(4) is not federally enforceable.

Testing Requirements

C.9 Performance Testing [326 IAC 3-6] [326 IAC 2-1.1-11

(a) Compliance testing on new emissions units shall be conducted within 60 days after achieving maximum production rate, but no later than 180 days after initial start-up, if specified in Section D of this approval. All testing shall be performed according to the provisions of 326 IAC 3-6 (Source Sampling Procedures), except as provided elsewhere in this permit, utilizing methods approved by IDEM, OAQ.

A test protocol, except as provided elsewhere in this permit, shall be submitted to:

Indiana Department of Environmental Management
Compliance Data Section, Office of Air Quality
100 North Senate Avenue
Indianapolis, Indiana 46204-2251

at least sixty (60) days before the intended test date for all chromium electroplating facilities and no later than thirty-five (35) days prior to the intended test date for all other facilities. The Permittee shall submit a notice of the actual test date to the above address so that it is received at least two (2) weeks prior to the test date.

(b) All test reports must be received by IDEM, OAQ within forty-five (45) days after the completion of the testing. An extension may be granted by the IDEM, OAQ, if the source submits to IDEM, OAQ, a reasonable written explanation within five (5) days prior to the end of the initial forty-five (45) day period.

The documentation submitted by the Permittee does not require certification by the Aauthorized individual@ as defined by 326 IAC 2-1.1-1.

Compliance Monitoring Requirements

C.10 Compliance Monitoring [326 IAC 2-1.1-11]

Compliance with applicable requirements shall be documented as required by this permit. The Permittee shall be responsible for installing any necessary equipment and initiating any required monitoring related to that equipment. All monitoring and record keeping requirements not already legally required shall be implemented when operation begins.

C.11 Monitoring Methods [326 IAC 3]

Any monitoring or testing required by Section D of this permit shall be performed according to the provisions of 326 IAC 3, 40 CFR 60, Appendix A, or other approved methods as specified in this permit.

C.12 Compliance Monitoring Plan - Failure to Take Response Steps [326 IAC 1-6

(a) The Permittee is required to implement a compliance monitoring plan to ensure that reasonable information is available to evaluate its continuous compliance with applicable

requirements. This compliance monitoring plan is comprised of:

(1) This condition;

(2) The Compliance Determination Requirements in Section D of this permit;

(3) The Compliance Monitoring Requirements in Section D of this permit;

(4) The Record Keeping and Reporting Requirements in Section C (Monitoring Data Availability, General Record Keeping Requirements, and General Reporting Requirements) and in Section D of this permit; and

(5) A Compliance Response Plan (CRP) for each compliance monitoring condition of this permit. CRP=s shall be submitted to IDEM, OAQ upon request and shall be subject to review and approval by IDEM, OAQ. The CRP shall be prepared within ninety (90) days after issuance of this permit by the Permittee and maintained on site, and is comprised of:

(A) Response steps that will be implemented in the event that compliance related information indicates that a response step is needed pursuant to the requirements of Section D of this permit; and

(B) A time schedule for taking such response steps including a schedule for devising additional response steps for situations that may not have been predicted.

(b) For each compliance monitoring condition of this permit, appropriate response steps shall be taken when indicated by the provisions of that compliance monitoring condition. Failure to perform the actions detailed in the compliance monitoring conditions or failure to take the response steps within the time prescribed in the Compliance Response Plan, shall constitute a violation of the permit unless taking the response steps set forth in the Compliance Response Plan would be unreasonable.

(c) After investigating the reason for the excursion, the Permittee is excused from taking further response steps for any of the following reasons:

(1) The monitoring equipment malfunctioned, giving a false reading. This shall be an excuse from taking further response steps providing that prompt action was taken to correct the monitoring equipment.

(2) The Permittee has determined that the compliance monitoring parameters established in the permit conditions are technically inappropriate, has previously submitted a request for an administrative amendment to the permit, and such request has not been denied or;

(3) An automatic measurement was taken when the process was not operating; or

(4) The process has already returned to operating within Anormal@ parameters and no response steps are required.

(d) Records shall be kept of all instances in which the compliance related information was not met and of all response steps taken.

C.13 Actions Related to Noncompliance Demonstrated by a Stack Test

(a) When the results of a stack test performed in conformance with Section C - Performance Testing, of this permit exceed the level specified in any condition of this permit, the Permittee shall take appropriate corrective actions. The Permittee shall submit a description of these corrective actions to IDEM, OAQ, within thirty (30) days of receipt of the test results. The Permittee shall take appropriate action to minimize emissions from

the affected emissions unit while the corrective actions are being implemented. IDEM, OAQ shall notify the Permittee within thirty (30) days, if the corrective actions taken are deficient. The Permittee shall submit a description of additional corrective actions taken to IDEM, OAQ within thirty (30) days of receipt of the notice of deficiency. IDEM, OAQ reserves the authority to use enforcement activities to resolve noncompliant stack tests.

(b) A retest to demonstrate compliance shall be performed within one hundred twenty (120) days of receipt of the original test results. Should the Permittee demonstrate to IDEM, OAQ that retesting in one-hundred and twenty (120) days is not practicable, IDEM, OAQ may extend the retesting deadline. Failure of the second test to demonstrate compliance with the appropriate permit conditions may be grounds for immediate revocation of the permit to operate the affected emissions unit.

The documents submitted pursuant to this condition do not require the certification by the Aauthorized individual@ as defined by 326 IAC 2-1.1-1.

Record Keeping and Reporting Requirements

C.14 Malfunctions Report [326 IAC 1-6-2]

Pursuant to 326 IAC 1-6-2 (Records; Notice of Malfunction):

(a) A record of all malfunctions, including startups or shutdowns of any facility or emission control equipment, which result in violations of applicable air pollution control regulations or applicable emission limitations shall be kept and retained for a period of three (3) years and shall be made available to the Indiana Department of Environmental Management (IDEM), Office of Air Quality (OAQ) or appointed representative upon request.

(b) When a malfunction of any facility or emission control equipment occurs which lasts more than one (1) hour, said condition shall be reported to OAQ, using the Malfunction Report Forms (2 pages). Notification shall be made by telephone or facsimile, as soon as practicable, but in no event later than four (4) daytime business hours after the beginning of said occurrence.

(c) Failure to report a malfunction of any emission control equipment shall constitute a violation of 326 IAC 1-6, and any other applicable rules. Information of the scope and expected duration of the malfunction shall be provided, including the items specified in 326 IAC 1-6-2(a)(1) through (6).

(d) Malfunction is defined as any sudden, unavoidable failure of any air pollution control equipment, process, or combustion or process equipment to operate in a normal and usual manner. [326 IAC 1-2-39]

C.15 Monitoring Data Availability [326 IAC 2-6.1-2] [IC 13-14-1-13]

(a) With the exception of performance tests conducted in accordance with Section C- Performance Testing, all observations, sampling, maintenance procedures, and record keeping, required as a condition of this permit shall be performed at all times the equipment is operating at normal representative conditions.

(b) As an alternative to the observations, sampling, maintenance procedures, and record keeping of subsection (a) above, when the equipment listed in Section D of this permit is not operating, the Permittee shall either record the fact that the equipment is shut down or perform the observations, sampling, maintenance procedures, and record keeping that would otherwise be required by this permit.

(c) If the equipment is operating but abnormal conditions prevail, additional observations and sampling should be taken with a record made of the nature of the abnormality.

(d) If for reasons beyond its control, the operator fails to make required observations, sampling, maintenance procedures, or record keeping, reasons for this must be recorded.

(e) At its discretion, IDEM may excuse such failure providing adequate justification is documented and such failures do not exceed five percent (5%) of the operating time in any quarter.

(f) Temporary, unscheduled unavailability of staff qualified to perform the required observations, sampling, maintenance procedures, or record keeping shall be considered a valid reason for failure to perform the requirements stated in (a) above.

C.16 General Record Keeping Requirements [326 IAC 2-6.1-2]

(a) Records of all required monitoring data and support information shall be retained for a period of at least five (5) years from the date of monitoring sample, measurement, report, or application. These records shall be kept at the source location for a minimum of three (3) years and available upon the request of an IDEM, OAQ, representative. The records may be stored elsewhere for the remaining two (2) years as long as they are available upon request. If the Commissioner makes a written request for records to the Permittee, the Permittee shall furnish the records to the Commissioner within a reasonable time.

(b) Records of required monitoring information shall include, where applicable:

(1) The date, place, and time of sampling or measurements;

(2) The dates analyses were performed;

(3) The company or entity performing the analyses;

(4) The analytic techniques or methods used;

(5) The results of such analyses; and

(6) The operating conditions existing at the time of sampling or measurement

(c) Support information shall include, where applicable:

(1) Copies of all reports required by this permit;

(2) All original strip chart recordings for continuous monitoring instrumentation;

(3) All calibration and maintenance records;

(4) Records of preventive maintenance shall be sufficient to demonstrate that failure to implement the Preventive Maintenance Plan did not cause or contribute to a violation of any limitation on emissions or potential to emit. To be relied upon subsequent to any such violation, these records may include, but are not limited to: work orders, parts inventories, and operator=s standard operating procedures. Records of response steps taken shall indicate whether the response steps were performed in accordance with the Compliance Response Plan required by Section C - Compliance Monitoring Plan - Failure to take Response Steps, of this permit, and whether a deviation from a permit condition was reported. All records shall briefly describe what maintenance and response steps were taken and indicate who performed the tasks.

(d) All record keeping requirements not already legally required shall be implemented when operation begins.

C.17 General Reporting Requirements [326 IAC 2-1.1-11] [326 IAC 2-6.1-2] [IC 13-14-1-13]

(a) To affirm that the source has met all the compliance monitoring requirements stated in this permit the source shall submit a Semi-annual Compliance Monitoring Report. Any deviation from the requirements and the date(s) of each deviation must be reported. The Compliance

Monitoring Report shall include the certification by the Aauthorized individual@ as defined by 326 IAC 2-1.1-1(1).

(b) The report required in (a) of this condition and reports required by conditions in Section D of this permit shall be submitted to:
Indiana Department of Environmental Management
Compliance Data Section, Office of Air Quality
100 North Senate Avenue
Indianapolis, Indiana 46204-2251

(c) Unless otherwise specified in this permit, any notice, report, or other submission required by this permit shall be considered timely if the date postmarked on the envelope or certified mail receipt, or affixed by the shipper on the private shipping receipt, is on or before the date it is due. If the document is submitted by any other means, it shall be considered timely if received by IDEM, OAQ, on or before the date it is due.

(d) Unless otherwise specified in this permit, any report shall be submitted within thirty (30) days of the end of the reporting period. The report does not require the certification by the Aauthorized individual@ as defined by 326 IAC 2-1.1-1(1).

(e) All instances of deviations must be clearly identified in such reports. A reportable deviation is an exceedance of a permit limitation or a failure to comply with a requirement of the permit or a rule. It does not include:

(1) An excursion from compliance monitoring parameters as identified in Section D of this permit unless tied to an applicable rule or limit; or(2) A malfunction as described in 326 IAC 1-6-2; or

(2) Failure to implement elements of the Preventive Maintenance Plan unless lack of maintenance has caused or contributed to a deviation.

(3) Failure to make or record information required by the compliance monitoring provisions of Section D unless such failure exceeds 5% of the required data in any calendar quarter.

A Permittee=s failure to take the appropriate response step when an excursion of a compliance monitoring parameter has occurred or failure to monitor or record the required compliance monitoring is a deviation.

(f) Any corrective actions or response steps taken as a result of each deviation must be clearly identified in such reports.

(g) The first report shall cover the period commencing on the date of issuance of this permit and ending on the last day of the reporting period.

C.18 Annual Notification [326 IAC 2-6.1-5(a)(5)]

(a) Annual notification shall be submitted to the Office of Air Quality stating whether or not the source is in operation and in compliance with the terms and conditions contained in this permit.

(b) Noncompliance with any condition must be specifically identified. If there are any permit conditions or requirements for which the source is not in compliance at any time during the year, the Permittee must provide a narrative description of how the source did or will achieve compliance and the date compliance was, or will be, achieved. The notification must be signed by an authorized individual.

(c) The annual notice shall cover the time period from January 1 to December 31 of the previous year, and shall be submitted in the format attached no later than March 1 of each year to:

Indiana Department of Environmental Management
Compliance Data Section, Office of Air Quality
100 North Senate Avenue
Indianapolis, IN 46204-2251

(d) The notification shall be considered timely if the date postmarked on the envelope or certified mail receipt, or affixed by the shipper on the private shipping receipt, is on or before the date it is due. If the document is submitted by any other means, it shall be considered timely if received by IDEM, OAQ, on or before the date it is due.

SECTION D.1 EMISSIONS UNIT OPERATION CONDITIONS

Emissions Unit Description:

(a) One (1) decorative chromium electroplating tank, identified as T27, constructed prior to December 16, 1993, using a hexavalent chromium bath, using a chemical fume suppressant containing a wetting agent for control and exhausting at stack 1038Cr. This tank is also equipped with a packed-bed scrubber that is not used for compliance

(b) One (1) decorative chromium electroplating tank, identified as T23, constructed prior to December 16, 1993, using a hexavalent chromium bath, using a chemical fume suppressant containing a wetting agent for control and exhausting at stack 281Cr. This tank is also equipped with a packed-bed scrubber that is not used for compliance

(The information describing the process contained in this emissions unit description box is descriptive information and does not constitute enforceable conditions.)

Emission Limitations and Standards [326 IAC 2-6.1-5(1)]

D.1.1 General Provisions Relating to HAPs [326 IAC 20-1-1] [40 CFR Part 63, Subpart A]

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

D.1.2 Chromium Electroplating NESHAP [326 IAC 20-8-1] [40 CFR 63.342(c)&(f)] [40 CFR 63.343(a)(1)&(2)]

Tanks T27 and T23 are subject to 40 CFR Part 63, Subpart N, which is incorporated by reference as 326 IAC 20-8-1. A copy of this rule is attached.

(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, but the work practice standards that address operation and maintenance required by this section must be followed during malfunctions and periods of excess emissions.

(b) During tank operation, the Permittee shall control chromium emissions discharged to the atmosphere from each tank by using a chemical fume suppressant containing a wetting agent and not allowing the surface tension of the electroplating baths contained within the tanks to exceed forty-five (45) dynes per centimeter (dynes/cm) (3.1 x 10-3 pound-force per foot [lbf/ft]) at any time during operation of the tanks.

(c) The following work practice standards for the tanks are also applicable:

(1) At all times, including periods of startup, shutdown, malfunction and excess emissions, the Permittee shall operate and maintain the tanks, the fume suppressant 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.1.4.

(2) Malfunctions and excess emissions shall be corrected as soon as practicable after their occurrence in accordance with the OMP required by Condition D.1.4

(3) These operation and maintenance requirements are enforceable independent of emissions limitations or other requirements in this section.

(4) Determination of whether acceptable operation and maintenance procedures are being used will be based on the information available to IDEM, OAQ, which may include, but is not limited to, monitoring results; review of the OMP, procedures and records; and inspection of the source.

(5) Based on the results of the determination made under Condition D.1.2(c)(3) above, IDEM, OAQ may require that the Permittee make changes to the OMP. Revisions may be required if IDEM, OAQ finds that the plan:

(A) Does not address a malfunction or period of excess emissions that has occurred;

(B) Fails to provide for the operation of the tanks, air pollution control techniques (i.e., the fume suppressant), or process monitoring equipment during a malfunction in a manner consistent with good air pollution control practices; or

(C) Does not provide adequate procedures for correcting malfunctioning process equipment, air pollution control techniques, or monitoring equipment as quickly as practicable.

D.1.3 Preventive Maintenance Plan [326 IAC 1-6-3]

A Preventive Maintenance Plan, in accordance with Section C - Preventive Maintenance Plan, of this permit, is required for tanks T27 and T23 and the packed-bed scrubbers.

D.1.4 Operation and Maintenance Plan [40 CFR 63.342(f)(3)]

(a) The Permittee shall prepare an Operation and Maintenance Plan (OMP) in accordance with 40 CFR 63.342(f)(3) to be implemented no later than the compliance date of tanks T27 and T23. The OMP shall specify the operation and maintenance criteria for the tanks, the fume suppressant and monitoring equipment, and shall include the following elements:

(1) Manufacturers recommendations for maintenance of the monitoring equipment used to measure surface tension;

(2) A standardized checklist to document the operation and maintenance criteria for the tanks, the fume suppressant and monitoring equipment;

(3) Procedures to be followed to ensure that equipment or process malfunctions due to poor maintenance or other preventable conditions or periods of excess emissions as indicated by monitoring data do not occur;

(4) A systematic procedure for identifying malfunctions and periods of excess emissions of the tanks, the fume suppressant and monitoring equipment; and for implementing corrective actions to address such malfunctions;

(b) The Permittee may use applicable standard operating procedures (SOP) manuals, Occupational Safety and Health Administration (OSHA) plans, or other existing plans such as the PMP required in Condition D.1.3, as the OMP, provided the alternative plans meet the above listed criteria in Condition D.1.4(a).

(c) If the OMP fails to address or inadequately addresses an event that meets the characteristics of a malfunction or period of excess emissions at the time the plan is initially developed, the Permittee shall revise the OMP within forty five (45) days after such an event occurs. The revised plan shall include procedures for operating and maintaining the tanks, the fume suppressant and the monitoring equipment, during similar malfunction or excess emissions events, and a program for corrective action for such events.

(d) If actions taken by the Permittee during periods of malfunction or period of excess emissions are inconsistent with the procedures specified in the OMP, the Permittee shall record the actions taken for that event and shall report by phone such actions within two (2) working days after commencing actions inconsistent with the plan. This report shall be followed by a letter within seven (7) working days after the end of the event, unless the Permittee makes alternative reporting arrangements, in advance, with IDEM, OAQ.

(e) The Permittee shall keep the written OMP on record after it is developed to be made available, upon request, by IDEM, OAQ for the life of the tanks or until the tanks are no longer subject to the provisions of 40 CFR 63.340. In addition, if the OMP is revised, the Permittee shall keep previous versions of the OMPs on record to be made available for inspection, upon request by IDEM, OAQ for a period of five (5) years after each revision to the plan.

Compliance Determination Requirements [326 IAC 2-1.1-11]

D.1.5 Performance Testing Requirements [326 IAC 2-1.1-11] [40 CFR 63.344] [40 CFR 63.343(b)(2)] [40 CFR 63.7]

(a) 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 x 10-6 gr/dscf), in lieu of establishing the maximum surface tension during an initial performance test.

(b) The Permittee is not required to test tanks T27 and T23 by this permit. However, IDEM, OAQ may require testing when necessary to determine if the tanks are in compliance. If testing is required by IDEM, OAQ, compliance with the limit of 0.01 milligrams per dry standard cubic meter shall be determined by a performance test conducted in accordance with the provisions of 40 CFR 63.344 and Section C - Performance Testing.

(c) Any change, modification, or reconstruction of the tanks, the fume suppressant or monitoring equipment may require additional performance testing conducted in accordance with 40 CFR 63.344 and Section C - Performance Testing.

Compliance Monitoring Requirements [326 IAC 2-6.1-5(a)(2)]

D.1.6 Monitoring to Demonstrate Continuous Compliance [326 IAC 2-6.1-5(a)(2)][40 CFR 63.343 (c)(5) & (7)]

(a) Pursuant to 40 CFR 63.343(c)(5)(ii) and (iii), when using a wetting agent in the electroplating bath to comply with the limits specified in Condition D.1.2, the Permittee shall monitor the surface tension of the electroplating baths. Operation of tanks T27 and T23 at a surface tension greater than 45 dynes per centimeter shall constitute noncompliance with the standards.

(1) The Permittee shall monitor the surface tension of the electroplating bath during tank operation according to the following schedule:

(A) The surface tension shall be measured once every 4 hours during operation of the tank with a stalagmometer or a tensiometer as specified in Method 306B, appendix A of this part.

(B) The time between monitoring can be increased if there have been no exceedances. The surface tension shall be measured once every 4 hours of tank operation for the first 40 hours of tank operation after the compliance date. Once there are no exceedances during 40 hours of tank operation, surface tension measurement may be conducted once every 8 hours of tank operation. Once there are no exceedances during 40 hours of tank operation, surface tension measurement may be conducted once every day of tank operation, provided there are no more than 40 hours between measurements, on a ongoing basis, until an exceedance occurs. The minimum frequency of monitoring allowed by this subpart is once every 40 hours of tank operation.

(C) Once an exceedance occurs as indicated through surface tension monitoring, the original monitoring schedule of once every 4 hours must be resumed. A subsequent decrease in frequency shall follow the schedule laid out in paragraph (B) above. For example, if a Permittee had been monitoring a tank once every 40 hours and an exceedance occurs, subsequent monitoring would take place once every 4 hours of tank operation. Once an exceedance does not occur for 40 hours of tank operation, monitoring can occur once every 8 hours of tank operation. Once an exceedance does not occur for 40 hours of tank operation on this schedule, monitoring can occur once every 40 hours of tank operation.

(2) Once a bath solution is drained from a tank and a new solution added, the original monitoring schedule of once every 4 hours must be resumed, with a decrease in monitoring frequency allowed following the procedures in paragraphs (B) and (C) above.

(b) Tank operation or operating time is defined as that time when a part is in the tank. When there is no part in a tank for fifteen (15) or more minutes, the tank will not be considered to be in operation, and that time will not be considered operating time. Likewise, if the time between removing one part from the tank and placing another part into the tank is less than fifteen (15) minutes, the tank will be considered to be in operation and that time between plating the two parts will be considered part of the operating time. Amp meters are an acceptable method of measuring operating time provided the amp meter only records time when the rectifier is on and there is a part in the tank.

Record Keeping and Reporting Requirements [326 IAC 2-6.1-5(a)(2)]

D.1.7 Record Keeping Requirements [326 IAC 2-6.1-5(a)(2)] [40 CFR 63.346]

The Permittee shall maintain records to document compliance with Conditions D.1.2 and D.1.4 using the forms provided with this permit. These records shall be maintained in accordance with Section C - General Record Keeping Requirements of this permit and include a minimum of the following:

(a) Inspection records for the fume suppressant and monitoring equipment to document that the inspection and maintenance required by Conditions D.1.5 and D.1.6 have taken place. The record can take the form of a checklist and should identify the following:

(1) The device inspected;

(2) The date of inspection;

(3) A brief description of the working condition of the device during the inspection, including any deficiencies found; and

(4) Any actions taken to correct deficiencies found during the inspection, including the date(s) such actions were taken.

(b) Records of all maintenance performed on tanks T27 and T23 and monitoring equipment.

(c) Records of the occurrence, duration, and cause (if known) of each malfunction of tanks T27 and T23, the fume suppressant and monitoring equipment.

(d) Records of the occurrence, duration, and cause (if known) of each period of excess emissions of tanks T27 and T23, the fume suppressant and monitoring equipment as indicated by monitoring data collected in accordance with this condition.

(e) Records of actions taken during periods of malfunction or excess emissions when such actions are inconsistent with the OMP.

(f) Other records, which may take the form of checklists, necessary to demonstrate consistency with the provisions of the OMP.

(g) Test reports documenting results of all performance tests.

(h) All measurements as may be necessary to determine the conditions of performance tests, including measurements necessary to determine compliance.

(i) Records of monitoring data required by 40 CFR 63.343(c) that are used to demonstrate compliance with the standard including the date and time the data are collected.

(j) The total process operating time, as defined in Condition D.1.6(b), of each tank, during the reporting period.

(k) Records of the date and time that fume suppressants were added to the electroplating bath, and the amount and type of fume suppressants added.

(l) All documentation supporting the notifications and reports required by 40 CFR 63.9 and 63.10 (Subpart A, General Provisions) and by Condition D.1.8.

D.1.8 Reporting Requirements [326 IAC 2-6.1-5(a)(2)] [40 CFR 63.344(a)] [40 CFR 63.345] [40 CFR 63.347]

The notifications and reports required in this section shall be submitted to IDEM, OAQ using the address specified in Section C - General Reporting Requirements.

(a) Notifications:

(1) Initial Notifications
The Permittee shall notify IDEM, OAQ in writing that the source is subject to 40 CFR Part 63, Subpart N. The initial notification for tanks T27 and T23 has been submitted to IDEM, OAQ.

(2) A Notification of Compliance Status (NCS) is required each time that the facility becomes subject to the requirements of 40 CFR Part 63 Subpart N.

(A) The NCS shall be submitted to IDEM, OAQ, and shall list, for each tank, the information identified in 40 CFR 63.347(e)(2).

(B) The NCS for tanks T27 and T23 has been submitted to IDEM, OAQ.

(3) Notification of Construction or Reconstruction
Pursuant to 40 CFR 63.345(b)(1), the Permittee may not construct a new tank subject to 40 CFR 63, Subpart N (including non-affected tanks defined in 40 CFR 63.344(e)) without submitting a Notification of Construction or Reconstruction (NCR) to IDEM, OAQ. In addition, the Permittee may not change, modify, or reconstruct tanks T27 and T23 without submitting a Notification of Construction or Reconstruction (NCR) to IDEM, OAQ.

(A) The NCR shall contain the information identified in 40 CFR 63.345(b) (2) and (3).

(B) A change, modification, or reconstruction of this facility includes any change in the air pollution control techniques, the addition of add-on control devices, or the construction of duct work for the purpose of controlling both existing tanks and non-affected facilities by a common control technique or device.

(C) A complete application to construct new chromium electroplating or chrom-

ium anodizing tanks serves as this notification. Likewise, the complete application to modify or reconstruct tanks T27 and T23 serves as this notification.

(D) Pursuant to 326 IAC 2-1.1-2(a), permission must be received from IDEM, OAQ before construction, modification, or reconstruction may commence.

(b) Performance Test Results

The Permittee shall document results from any future performance tests in a complete test report that contains the information required in 40 CFR 344(a).

The Permittee shall submit reports of performance test results as part of the Notification of Compliance Status, described in 40 CFR 63.347(e), no later than forty-five (45) days following the completion of the performance test.

(c) Ongoing Compliance Status Report

The Permittee shall prepare summary reports to document the ongoing compliance status of tanks T27 and T23 using the Ongoing Compliance Status Report form provided with this permit. This report shall contain the information specified in 40 CFR 63.347(g)(3).

Because tanks T27 and T23 are located at site that is an area source of hazardous air pollutants (HAPs), the Ongoing Compliance Status Report shall be retained on site and made available to IDEM, OAQ upon request.

(1) The Ongoing Compliance Status Report shall be completed according to the following schedule except as provided in paragraphs (c)(2).

(A) The first report shall cover the period from the start-up date of the emissions units to December 31 of the year in which the emissions units begin operation.

(B) Following the first year of reporting, the report shall be completed on a calendar year basis with the reporting period covering from January 1 to December 31.

(2) If either of the following conditions are met, semiannual reports shall be prepared and submitted to IDEM, OAQ:

(A) The total duration of excess emissions (as indicated by the monitoring data collected by the Permittee in accordance with 40 CFR 63.343(c)) is one percent (1%) or greater of the total operating time as defined in Condition D.1.6(b) for the reporting period; or

(B) The total duration of malfunctions of the monitoring equipment is five percent (5%) or greater of the total operating time as defined in Condition D.1.6(b).

Once the Permittee reports an exceedance as defined above, Ongoing Compliance Status Reports shall be submitted semiannually until a request to reduce reporting frequency is approved.

(3) IDEM, OAQ may determine on a case-by-case basis that the summary report shall be completed more frequently and submitted, or that the annual report shall be submitted instead of being retained on site, if these measures are necessary to accurately assess the compliance status of the source.

SECTION D.2 EMISSIONS UNIT OPERATION CONDITIONS

Emissions Unit Description:

(c) One (1) nickel electroplating bath, identified as T23, equipped with a wet scrubber and exhausting at stack 1038Ni.

(d) One (1) nickel electroplating bath, identified as T18, equipped with a wet scrubber and exhausting at stack 281Ni.

(e) One (1) copper plating tank, identified as 1038, equipped with a wet scrubber and exhausting at stack 1038Cu.

(f) One (1) cyanide plating tank, identified as T18, equipped with a wet scrubber and exhausting at stack 574.

(g) One (1) formaldehyde electroless plating tank, identified as EC Tank T12/T13, equipped with a wet scrubber and exhausting at stack 489.

(h) One (1) Brite Dip tank, identified as T14, equipped with a wet scrubber and exhausting at stack 1715.

(i) Two (2) strip lines, identified as 255R and 255P, using nitric acid and sulfuric acid, respectively, and equipped with wet scrubbers and exhausting at stacks 255R and 255P, respectively. A used acid tank and an acid cleaner tank exhaust to the same scrubber as strip line 255R and stack 255R.

(j) Buffing operations, equipped with three (3) air washers, identified as 2125, 2490 and 3011, and exhausting at stacks 2126, 2491 and 3011, respectively.

(k) Brazing operations, identified as 10200, exhausting at stacks 1183, 1873, 1874, 1212 and 1105, capacity: 10.3 pounds per hour of solder, 1,800 pounds per hour of brass or copper parts, and 5.72 million British thermal units per hour.

(l) One (1) cure oven, identified as 569, fired by natural gas and exhausting at stacks 569 North and 569 South, capacity: 3.6 million British thermal units per hour.

(m) One (1) natural gas fired fluidized bed burn-off oven, rated at 0.99 million British thermal units per hour (MMBtu/hr), with a maximum capacity of 301 pounds per hour of parts and 1.56 pounds per hour of sand, using a cyclone for particulate matter control, and exhausting at one (1) stack identified as 2918.

(u) One (1) rack strip line, identified as 1038, consisting of two (2) rack strip tanks, four (4) rinse tanks and one (1) hot rinse tank, equipped with a wet scrubber and exhausting to stack 3230, maximum capacity: 2.05 pounds alkaline cleaner per hour, 0.09 pound of aqua ammonia per hour, 0.06 pound of Acetic Acid per hour, and 0.49 pound Nitric Acid per hour.

(w) One (1) WWT sludge dryer, identified as 2209, equipped with a wet scrubber.

(x) One (1) maintenance welding booth, identified as Booth 11-1, exhausting to stack 11-1, capacity: 0.2 pound of oxyacetylene welding wire per hour.

(y) One (1) tool room welding booth, exhausting to stack 1799, capacity: 0.2 pound of Oxyacetylene welding wire per hour.

(z) Two (2) lab hoods.

(aa) One (1) inductively coupled plasma (ICP) unit.

(ff) One (1) dry-off oven, identified as 4160, fired by natural gas and exhausting at stack 4160, capacity: 0.5 million British thermal units per hour.

(gg) One (1) cure oven, identified as 4160, fired by natural gas and exhausting at stack 4160, capacity: 0.8 million British thermal units per hour.

(The information describing the process contained in this emissions unit description box is descriptive information and does not constitute enforceable conditions.)

Emission Limitations and Standards [326 IAC 2-6.1-5(1)]

D.2.1 Particulate Matter (PM) [326 IAC 6-3-2]

(a) The particulate matter (PM) from the buffing operations shall be limited to less than 15.8 pounds per hour when operating at a process weight rate of 15,000 pounds per hour.

(b) The particulate matter (PM) from the fluidized bed burn off oven shall be limited to less than 1.15 pounds per hour, when operating at a process weight rate of 303 pounds per hour.

These limits were computed using the following equation:

Interpolation of the data for the process weight rate up to sixty thousand (60,000) pounds per hour shall be accomplished by use of the equation:

$E = 4.10 P^{0.67}$ where E = rate of emission in pounds per hour and
P = process weight rate in tons per hour

(c) The particulate matter (PM) from the brazing operations shall be limited by the following:

Interpolation of the data for the process weight rate up to sixty thousand (60,000) pounds per hour shall be accomplished by use of the equation:

$E = 4.10 P^{0.67}$ where E = rate of emission in pounds per hour and
P = process weight rate in tons per hour

(d) The particulate matter (PM) from the one (1) maintenance welding booth and the one (1) tool room welding booth shall each be limited to less than 0.551 pound per hour when operating at a process weight rate of less than 100 pounds per hour, each. This limit is calculated using the following equation:

Interpolation of the data for the process weight rate up to sixty thousand (60,000) pounds per hour shall be accomplished by use of the equation:

$E = 4.10 P^{0.67}$ where E = rate of emission in pounds per hour and
P = process weight rate in tons per hour

(e) The particulate matter (PM) from the WWT sludge dryer, strip lines, two (2) lab hoods, and one (1) ICP unit shall be limited by the following:

Interpolation of the data for the process weight rate up to sixty thousand (60,000) pounds per hour shall be accomplished by use of the equation: $E = 4.10 P^{0.67}$
where E = rate of emission in pounds per hour and
P = process weight rate in tons per hour

D.2.2 Volatile Organic Compounds (VOC) [326 IAC 8-3]

The requirement from the Registration issued April 26, 1982 and the Registration issued July 5, 1984 that emissions shall be at a level acceptable to 325 IAC 8-3, is not applicable because the solvent

recovery facility and degreaser registered by those approvals are no longer in existence at the source.

Compliance Determination Requirements [326 IAC 2-1.1-11]

D.2.3 Particulate Matter (PM)

(a) Pursuant to Pursuant to CP031-9717-00007, issued on May 28, 1998, the cyclone for PM control shall be in operation at all times when the fluidized bed burn off oven is in operation.

(b) The scrubbers for the strip lines and the WWT sludge dryer shall be in operation at all times the strip lines and WWT sludge dryer are in operation.

SECTION D.3 EMISSIONS UNIT OPERATION CONDITIONS

Emissions Unit Description:

(n) One (1) powder spray booth, identified as 4446, equipped with a baghouse and exhausting to stack 4446, capacity: 16 pounds of powder per hour and 1,000 pounds per hour of raw materials.

(v) One (1) powder spray booth, identified as 1599, constructed in April 1991, equipped with a baghouse and exhausting through stack 1599, capacity: 0.16 pound of powder per hour and 34 pounds of parts coated per hour.

(ee) One (1) powder spray booth, identified as 4160, equipped with a baghouse and exhausting to stack 4160, capacity: 13.9 pounds of powder per hour and 4760 pounds per hour of parts.

(The information describing the process contained in this emissions unit description box is descriptive information and does not constitute enforceable conditions.)

Emission Limitations and Standards [326 IAC 2-6.1-5(1)]

D.3.1 Particulate Matter (PM) [326 IAC 6-3-2]

(a) The particulate matter (PM) from the powder spray booth identified as 4446 shall be limited to 2.58 pounds per hour when operating at a process weight rate of 1,000 pounds per hour.

(b) The particulate matter (PM) from the powder spray booth, identified as 1599, shall be limited to no more than 0.551 pound per hour when operating at a process weight rate of less than 100 pounds per hour.

(c) The particulate matter (PM) from powder spray booth, identified as 4160, shall be limited to 7.33 pounds per hour when operating at a process weight rate of 4760 pounds per hour.

These limitations were determined by the following:

Interpolation of the data for the process weight rate up to sixty thousand (60,000) pounds per hour shall be accomplished by use of the equation:

$E = 4.10\ P^{0.67}$ where E = rate of emission in pounds per hour and
P = process weight rate in tons per hour

Compliance Determination Requirements [326 IAC 2-1.1-11]

D.3.2 Particulate Matter (PM) [326 IAC 6-3-2]

(a) The particulate matter (PM) from the powder spray booth identified as 4446 shall be limited to 2.58 pounds per hour when operating at a process weight rate of 1,000 pounds per hour.

SECTION D.4 EMISSIONS UNIT OPERATION CONDITIONS

Emissions Unit Description:

(o) One (1) boiler, identified as 1854, constructed in 1993, fired by natural gas and exhausting at stack 1854, capacity: 2.10 million British thermal units per hour.

(p) Two (2) boilers identified as 1307 and 1308, constructed in 1987, fired by natural gas and exhausting at stack 1307/1308, capacity: 0.75 million British thermal units per hour.

(The information describing the process contained in this emissions unit description box is descriptive information and does not constitute enforceable conditions.)

Emission Limitations and Standards [326 IAC 2-6.1-5(1)]

D.4.1 Particulate Matter Limitation (PM) [326 IAC 6-2-4]

(a) Pursuant to 326 IAC 6-2-4, the PM emissions from the one (1) boiler, identified as 1854, shall not exceed 0.37 pound per million British thermal units.

(b) Pursuant to 326 IAC 6-2-4, the PM emissions from the two (2) boilers, identified as 1307 and 1308, shall not exceed 0.46 pound per million British thermal units.

These limitations were computed using the following equation:

$$Pt = 1.09/Q^{0.26}$$

where:

Pt = Pounds of particulate matter emitted per million British thermal units (lb/MMBtu) heat input

Q = Total source maximum operating capacity rating in million British thermal units per hour (MMBtu/hr) heat input. The maximum operating capacity rating is defined as the maximum capacity at which the facility is operated or the nameplate capacity, whichever is specified in the facility=s permit application, except when some lower capacity is contained in the facility=s operation permit; in which case, the capacity specified in the operation permit shall be used.

Compliance Determination Requirements [326 IAC 2-1.1-11]

D.4.2 Testing Requirements [326 IAC 2-1.1-11]

The Permittee is not required to test these emissions units by this permit. However, IDEM may require compliance testing when necessary to determine if the emissions units are in compliance. If testing is required by IDEM, compliance with the PM limits specified in Condition D.4.1 shall be determined by a performance test conducted in accordance with Section C - Performance Testing.

SECTION D.5 EMISSIONS UNIT OPERATION CONDITIONS

Emissions Unit Description:

(q) One (1) boiler, identified as 586, constructed in 1975, fired by natural gas, exhausting at stack 586, capacity: 25.20 million British thermal units per hour.

(The information describing the process contained in this emissions unit description box is descriptive information and does not constitute enforceable conditions.)

Emission Limitations and Standards [326 IAC 2-6.1-5(1)]

D.5.1 Particulate Matter Limitation (PM) [326 IAC 6-2-3]

Pursuant to 326 IAC 6-2-3 (e) (Particulate emission limitations for sources of indirect heating: emission limitations for facilities specified in 326 IAC 6-2-1 (b)), particulate emissions from all facilities used for indirect heating purposes which have 250 million British thermal units or less heat input or less and began operation after June 8, 1972, shall in no case exceed 0.6 pound of particulate matter per million British thermal units heat input. Therefore, the one (1) boiler, identified as 586, shall be limited to PM emissions of no more than 0.6 pound per million British thermal units.

Compliance Determination Requirements [326 IAC 2-1.1-11]

D.5.2 Testing Requirements [326 IAC 2-1.1-11]

The Permittee is not required to test this emissions unit by this permit. However, IDEM may require compliance testing when necessary to determine if the emissions unit is in compliance. If testing is required by IDEM, compliance with the PM and SO_2 limits specified in Conditions D.5.1 and D.5.2 shall be determined by a performance test conducted in accordance with Section C - Performance Testing.

Record Keeping and Reporting Requirements [326 IAC 2-6.1-5(a)(2)]

D.5.3 Record Keeping Requirements

(a) The Permittee shall maintain monthly records of the amount and type of fuel burned in the one (1) boiler pursuant to 40 CFR 60.48c, Subpart Dc.

(b) All records shall be maintained in accordance with Section C - General Record Keeping Requirements, of this permit.

D.5.4 Natural Gas Fired Boiler Certification

An annual certification shall be submitted to the address listed in Section C - General Reporting Requirements, of this permit, using the Natural Gas Fired Boiler Certification form located at the end of this permit, or its equivalent, no later than July 1 of each year.

SECTION D.6 EMISSIONS UNIT OPERATION CONDITIONS

Emissions Unit Description:

(r) One (1) boiler, identified as 1513, constructed in 1990, fired by natural gas and exhausting at stack 1513, capacity: 32.94 million British thermal units per hour.

(s) One (1) boiler, identified as 2256, constructed in 1994, fired by natural gas and exhausting at stack 2256, capacity: 14.70 million British thermal units per hour.

(The information describing the process contained in this emissions unit description box is descriptive information and does not constitute enforceable conditions.)

Emission Limitations and Standards [326 IAC 2-6.1-5(1)]

D.6.1 Particulate Matter Limitation (PM) [326 IAC 6-2-4]

(a) Pursuant to 326 IAC 6-2-4, the PM emissions from the one (1) boiler, identified as 1513, shall not exceed 0.38 pound per million British thermal units.

(b) Pursuant to 326 IAC 6-2-4, the PM emissions from the one (1) boiler, identified as 2256, shall not exceed 0.35 pound per million British thermal units.

These limitations were computed using the following equation:

$$Pt = 1.09/Q^{0.26}$$

where:

Pt = Pounds of particulate matter emitted per million British thermal units (lb/MMBtu) heat input

Q = Total source maximum operating capacity rating in million British thermal units per hour (MMBtu/hr) heat input. The maximum operating capacity rating is defined as the maximum capacity at which the facility is operated or the nameplate capacity, whichever is specified in the facility=s permit application, except when some lower capacity is contained in the facility=s operation permit; in which case, the capacity specified in the operation permit shall be used.

D.6.2 Stack Height and Sulfur Dioxide (SO_2) [326 IAC 1-7] [326 IAC 7]

The requirements from Conditions 2, 3, 4 and 5 of PC (16) 1815, issued on January 5, 1990, are no longer applicable because the one (1) boiler, identified as 1513, is no longer capable of burning no. 2 fuel oil. Those conditions required that although 326 IAC 1-7-3 does not apply, the minimum stack height shall be limited to 50 feet, the sulfur content in the number 2 fuel oil shall be limited to 0.5 percent by weight, pursuant to 326 IAC 7-1-2, sulfur dioxide emissions shall be emitted at less than 6 pounds per million Btu input, and reports of the calendar month or annual average sulfur content, heat content, fuel consumption and sulfur dioxide emission rate in pounds per million Btu shall be submitted upon request pursuant to 326 IAC 7-1-3. Therefore, the requirements of 326 IAC 1-7 and 326 IAC 7 are not applicable to these boilers.

Compliance Determination Requirement [326 IAC 2-1.1-11]

D.6.3 Testing Requirements [326 IAC 2-1.1-11]

The Permittee is not required to test these emissions units by this permit. However, IDEM may require compliance testing when necessary to determine if the emissions units are in compliance. If testing is required by IDEM, compliance with the PM limit specified in Condition D.6.1 shall be determined by a performance test conducted in accordance with Section C - Performance Testing.

Record Keeping and Reporting Requirements [326 IAC 2-6.1-5(a)(2)]

D.6.4 Record Keeping Requirements [40CFR 60.48c, NSPS Subpart Dc]

(a) The Permittee shall maintain daily records of the amount and type of fuel burned in the two (2) boilers pursuant to 40 CFR 60.48c, Subpart Dc.

(b) All records shall be maintained in accordance with Section C - General Record Keeping Requirements, of this permit.

D.6.5 Natural Gas Fired Boiler Certification

An annual certification shall be submitted to the address listed in Section C - General Reporting Requirements, of this permit, using the Natural Gas Fired Boiler Certification form located at the end of this permit, or its equivalent, no later than July 1 of each year.

SECTION D.7 EMISSIONS UNIT OPERATION CONDITIONS

Emissions Unit Description:

(t) One (1) decorative chromium electroplating tank, identified as T21, using a hexavalent chromium bath, using a chemical fume suppressant containing a wetting agent for control and exhausting at stack 253Cr. This tank is also equipped with a composite mesh pad scrubber that is not used for compliance.

(The information describing the process contained in this emissions unit description box is descriptive information and does not constitute enforceable conditions.)

Emission Limitations and Standards [326 IAC 2-6.1-5(1)]

D.7.1 General Provisions Relating to HAPs [326 IAC 20-1-1] [40 CFR Part 63, Subpart A]

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

D.7.2 Chromium Electroplating NESHAP [326 IAC 20-8-1] [40 CFR 63.342(c)&(f)] [40 CFR 63.343(a)(1)&(2)]

Tank T21 is subject to 40 CFR Part 63, Subpart N, which is incorporated by reference as 326 IAC 20-8-1. A copy of this rule is attached.

(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, but the work practice standards that address operation and maintenance required by this section must be followed during malfunctions and periods of excess emissions.

(b) During tank operation, the Permittee shall control chromium emissions discharged to the atmosphere from each tank by using a chemical fume suppressant containing a wetting agent and not allowing the surface tension of the electroplating baths contained within the tank to exceed forty-five (45) dynes per centimeter (dynes/cm) (3.1 x 10-3 pound-force per foot [lbf/ft]) at any time during operation of the tank.

(c) The following work practice standards for the tank are also applicable:

(1) At all times, including periods of startup, shutdown, malfunction and excess emissions, the Permittee shall operate and maintain the tank, the fume suppressant 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.7.4.

(2) Malfunctions and excess emissions shall be corrected as soon as practicable after their occurrence in accordance with the OMP required by Condition D.7.4.

(3) These operation and maintenance requirements are enforceable independent of emissions limitations or other requirements in this section.

(4) Determination of whether acceptable operation and maintenance procedures are being used will be based on the information available to IDEM, OAQ, which may include, but is not limited to, monitoring results; review of the OMP, procedures and records; and inspection of the source.

(5) Based on the results of the determination made under Condition D.7.2(c)(3) above, IDEM, OAQ may require that the Permittee make changes to the OMP. Revisions may be required if IDEM, OAQ finds that the plan:

(A) Does not address a malfunction or period of excess emissions that has occurred;

(B) Fails to provide for the operation of the tank, air pollution control techniques (i.e., the fume suppressant), or process monitoring equipment during a malfunction in a manner consistent with good air pollution control practices; or

(C) Does not provide adequate procedures for correcting malfunctioning process equipment, air pollution control techniques, or monitoring equipment as quickly as practicable.

D.7.3 Preventive Maintenance Plan [326 IAC 1-6-3]

A Preventive Maintenance Plan, in accordance with Section C - Preventive Maintenance Plan, of this permit, is required for tank T21.

D.7.4 Operation and Maintenance Plan [40 CFR 63.342(f)(3]

(a) The Permittee shall prepare an Operation and Maintenance Plan (OMP), in accordance with 40 CFR 63.342(f)(3) to be implemented no later than the compliance date of tank T21. The OMP shall specify the operation and maintenance criteria for the tank, the fume suppressant and monitoring equipment, and shall include the following elements:

(1) Manufacturers recommendations for maintenance of the monitoring equipment used to measure surface tension;

(2) A standardized checklist to document the operation and maintenance criteria for the tank, the fume suppressant and monitoring equipment;

(3) Procedures to be followed to ensure that equipment or process malfunctions due to poor maintenance or other preventable conditions or periods of excess emissions as indicated by monitoring data do not occur;

(4) A systematic procedure for identifying malfunctions and periods of excess emissions of the tank, the fume suppressant and monitoring equipment; and for implementing corrective actions to address such malfunctions;

(b) The Permittee may use applicable standard operating procedures (SOP) manuals, Occupational Safety and Health Administration (OSHA) plans, or other existing plans such as the PMP required in Condition D.7.3, as the OMP, provided the alternative plans meet the above listed criteria in Condition D.7.4(a).

(c) If the OMP fails to address or inadequately addresses an event that meets the characteristics of a malfunction or period of excess emissions at the time the plan is initially developed, the Permittee shall revise the OMP within forty five (45) days after such an event occurs. The revised plan shall include procedures for operating and maintaining the tank, the fume suppressant and the monitoring equipment, during similar malfunction or excess emissions events, and a program for corrective action for such events.

(d) If actions taken by the Permittee during periods of malfunction or period of excess emissions are inconsistent with the procedures specified in the OMP, the Permittee shall record the actions taken for that event and shall report by phone such actions within two (2) working days after commencing actions inconsistent with the plan. This report shall be followed by a letter within seven (7) working days after the end of the event, unless the Permittee makes alternative reporting arrangements, in advance, with IDEM, OAQ.

(e) The Permittee shall keep the written OMP on record after it is developed to be made available, upon request, by IDEM, OAQ for the life of the tank or until the tank is no longer subject to the provisions of 40 CFR 63.340. In addition, if the OMP is revised, the Permittee

shall keep previous versions of the OMPs on record to be made available for inspection, upon request by IDEM, OAQ for a period of five (5) years after each revision to the plan.

Compliance Determination Requirements [326 IAC 2-1.1-11]

D.7.5 Performance Testing Requirements [326 IAC 2-1.1-11] [40 CFR 63.344] [40 CFR 63.343(b)(2)] [40 CFR 63.7]

(a) 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 x 10-6 gr/dscf), in lieu of establishing the maximum surface tension during an initial performance test.

(b) The Permittee is not required to test tank T21 by this permit. However, IDEM, OAQ may require testing when necessary to determine if the tank is in compliance. If testing is required by IDEM, OAQ, compliance with the limit of 0.01 milligrams per dry standard cubic meter shall be determined by a performance test conducted in accordance with the provisions of 40 CFR 63.344 and Section C - Performance Testing.

(c) Any change, modification, or reconstruction of tank T21, the fume suppressant, the packed-bed scrubber or monitoring equipment may require additional performance testing conducted in accordance with 40 CFR 63.344 and Section C - Performance Testing.

Compliance Monitoring Requirements [326 IAC 2-5.1-3(e)(2)] [326 IAC 2-6.1-5(a)(2)]

D.7.6 Monitoring to Demonstrate Continuous Compliance [326 IAC 2-5.1-3(e)(2)] [326 IAC 2-6.1-5(a)(2)] [40 CFR 63.343 (c)(5) & (7)]

(a) Pursuant to 40 CFR 63.343(c)(5)(ii) and (iii), when using a wetting agent in the electroplating bath to comply with the limits specified in Condition D.7.2, the Permittee shall monitor the surface tension of the electroplating bath. Operation of tank T21 at a surface tension greater than 45 dynes per centimeter shall constitute noncompliance with the standards.

(1) The Permittee shall monitor the surface tension of the electroplating bath during tank operation according to the following schedule:

(A) The surface tension shall be measured once every 4 hours during operation of the tank with a stalagmometer or a tensiometer as specified in Method 306B, appendix A of this part.

(B) The time between monitoring can be increased if there have been no exceedances. The surface tension shall be measured once every 4 hours of tank operation for the first 40 hours of tank operation after the compliance date. Once there are no exceedances during 40 hours of tank operation, surface tension measurement may be conducted once every 8 hours of tank operation. Once there are no exceedances during 40 hours of tank operation, surface tension measurement may be conducted once every day of tank operation, provided there are no more than 40 hours between measurements on an ongoing basis, until an exceedance occurs. The minimum frequency of monitoring allowed by this subpart is once every 40 hours of tank operation.

(C) Once an exceedance occurs as indicated through surface tension monitoring, the original monitoring schedule of once every 4 hours must be resumed. A subsequent decrease in frequency shall follow the schedule laid out in paragraph (B) above. For example, if a Permittee had been monitoring a tank once every 40 hours and an exceedance occurs, subsequent monitoring would take place once every 4 hours of tank operation. Once an exceedance does not occur for 40 hours of tank operation, monitoring can occur once every 8 hours of tank operation. Once an exceedance does not occur for 40 hours of tank operation on this schedule, monitoring can occur

once every 40 hours of tank operation.

(2) Once a bath solution is drained from a tank and a new solution added, the original monitoring schedule of once every 4 hours must be resumed, with a decrease in monitoring frequency allowed following the procedures in paragraphs (B) and (C) above.

(b) Tank operation or operating time is defined as that time when a part is in the tank. When there is no part in a tank for fifteen (15) or more minutes, the tank will not be considered to be in operation, and that time will not be considered operating time. Likewise, if the time between removing one part from the tank and placing another part into the tank is less than fifteen (15) minutes, the tank will be considered to be in operation and that time between plating the two parts will be considered part of the operating time. Amp meters are an acceptable method of measuring operating time provided the amp meter only records time when the rectifier is on and there is a part in the tank.

Record Keeping and Reporting Requirements [326 IAC 2-5.1-3(e)(2)] [326 IAC 2-6.1-5(a)(2)]

D.7.7 Record Keeping Requirements [326 IAC 2-5.1-3(e)(2)] [326 IAC 2-6.1-5(a)(2)] [40 CFR 63.346]

The Permittee shall maintain records to document compliance with Conditions D.7.2 and D.7.4 using the forms provided with this permit. These records shall be maintained in accordance with Section C - General Record Keeping Requirements of this permit and include a minimum of the following:

(a) Inspection records for the fume suppressant and monitoring equipment to document that the inspection and maintenance required by Conditions D.7.5 and D.7.6 have taken place. The record can take the form of a checklist and should identify the following:

(1) The device inspected;

(2) The date of inspection;

(3) A brief description of the working condition of the device during the inspection, including any deficiencies found; and

(4) Any actions taken to correct deficiencies found during the inspection, including the date(s) such actions were taken.

(b) Records of all maintenance performed on tank T21, the fume suppressant and monitoring equipment.

(c) Records of the occurrence, duration, and cause (if known) of each malfunction of tank T21, the fume suppressant and monitoring equipment.

(d) Records of the occurrence, duration, and cause (if known) of each period of excess emissions of tank T21, the fume suppressant and monitoring equipment as indicated by monitoring data collected in accordance with this condition.

(e) Records of actions taken during periods of malfunction or excess emissions when such actions are inconsistent with the OMP.

(f) Other records, which may take the form of checklists, necessary to demonstrate consistency with the provisions of the OMP.

(g) Test reports documenting results of all performance tests.

(h) All measurements as may be necessary to determine the conditions of performance tests, including measurements necessary to determine compliance.

(i) Records of monitoring data required by 40 CFR 63.343(c) that are used to demonstrate compliance with the standard including the date and time the data are collected.

(j) The total process operating time, as defined in Condition D.7.6(b), of the tank, during the reporting period.

(k) Records of the date and time that fume suppressants were added to the electroplating bath, and the amount and type of fume suppressants added.

(l) All documentation supporting the notifications and reports required by 40 CFR 63.9 and 63.10 (Subpart A, General Provisions) and by Condition D.7.8.

D.7.8 Reporting Requirements [326 IAC 2-5.1-3(e)(2)] [326 IAC 2-6.1-5(a)(2)] [40 CFR 63.344(a)] [40 CFR 63.345] [40 CFR 63.347]

The notifications and reports required in this section shall be submitted to IDEM, OAQ using the address specified in Section C - General Reporting Requirements.

(a) Notifications:

(1) Initial Notifications
The Permittee shall submit an Initial Notification for tank T21 as follows:

(A) A notification of the actual date when construction of tank T21 commenced shall be submitted no later than thirty (30) days after such date.

(B) A notification of the actual date of startup of tank T21 shall be submitted within thirty (30) days after such date.

(2) A Notification of Compliance Status (NCS) is required each time that the facility becomes subject to the requirements of 40 CFR Part 63 Subpart N.

(A) The NCS shall be submitted to IDEM, OAQ, and shall list, for each tank, the information identified in 40 CFR 63.347(e)(2).

(B) The NCS for tank T21 shall be submitted to IDEM, OAQ no later than 30 days after the startup date.

(3) Notification of Construction or Reconstruction
Pursuant to 40 CFR 63.345(b)(1), the Permittee may not construct a new tank subject to 40 CFR 63, Subpart N (including non-affected tanks defined in 40 CFR 63.344(e)) without submitting a Notification of Construction or Reconstruction (NCR) to IDEM, OAQ. In addition, the Permittee may not change, modify, or reconstruct tank T21 without submitting an NCR to IDEM, OAQ.

(A) The NCR shall contain the information identified in 40 CFR 63.345(b) (2) and (3).

(B) A change, modification, or reconstruction of this facility includes any change in the air pollution control techniques, the addition of add-on control devices, or the construction of duct work for the purpose of controlling both existing tanks and non-affected facilities by a common control technique or device.

(C) A complete application to construct new chromium electroplating or chromium anodizing tanks serves as this notification. Likewise, the complete application to modify or reconstruct tank T21 serves as this notification.

(D) Pursuant to 326 IAC 2-1.1-2(a), permission must be received from IDEM, OAQ before construction, modification, or reconstruction may commence.

(b) Performance Test Results

The Permittee shall document results from the initial performance test and any future performance tests in a complete test report that contains the information required in 40 CFR 344(a).

The Permittee shall submit reports of performance test results as part of the Notification of Compliance Status, described in 40 CFR 63.347(e), no later than forty-five (45) days following the completion of the performance test.

(c) Ongoing Compliance Status Report

The Permittee shall prepare summary reports to document the ongoing compliance status of tank T21 using the Ongoing Compliance Status Report form provided with this permit. This report shall contain the information specified in 40 CFR 63.347(g)(3).

Because tank T21 is located at site that is an area source of hazardous air pollutants (HAPs), the Ongoing Compliance Status Report shall be retained on site and made available to IDEM, OAQ upon request.

(1) The Ongoing Compliance Status Report shall be completed according to the following schedule except as provided in paragraphs (c)(2).

(A) The first report shall cover the period from the start-up date of the emissions units to December 31 of the year in which the emissions units begin operation.

(B) Following the first year of reporting, the report shall be completed on a calendar year basis with the reporting period covering from January 1 to December 31.

(2) If either of the following conditions are met, semiannual reports shall be prepared and submitted to IDEM, OAQ:

(A) The total duration of excess emissions (as indicated by the monitoring data collected by the Permittee in accordance with 40 CFR 63.343(c)) is one percent (1%) or greater of the total operating time as defined in Condition D.7.6(b) for the reporting period; or

(B) The total duration of malfunctions of the monitoring equipment is five percent (5%) or greater of the total operating time as defined in Condition D.7.6(b).

Once the Permittee reports an exceedance as defined above, Ongoing Compliance Status Reports shall be submitted semiannually until a request to reduce reporting frequency is approved.

(3) IDEM, OAQ may determine on a case-by-case basis that the summary report shall be completed more frequently and submitted, or that the annual report shall be submitted instead of being retained on site, if these measures are necessary to accurately assess the compliance status of the source.

SECTION D.8 FACILITY OPERATION CONDITIONS

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

(dd) One (1) multi-finish electroplating line, with a capacity of 1,800 pounds of metal and plastic parts per hour, consisting of the following:

(1) Five (5) nickel plating tanks, identified as stations 32 through 35, 39 through 42, 46, and 49 through 56, equipped with the nickel/clean scrubber, and exhausting through the Multi-Finish Line Nickel/Cleaner Scrubber Stack;

(2) One (1) copper sulfate plating tank, identified as stations 27 and 28, equipped with the nickel/clean scrubber, and exhausting through the Multi-Finish Line Nickel/Cleaner Scrubber Stack;

(3) One (1) decorative chromium plating tank identified as tank 3700-S6869, with two (2) stations, identified as stations 68 and 69, using a fume suppressant containing a wetting agent as control, and exhausting through the chromium scrubber, which is a combination packed-bed scrubber and mesh-pad system and is not used for compliance, and the Multi-Finish Line Chromium Scrubber Stack;

(4) One (1) chrome pre-dip tank, identified as station 64, equipped with the chromium scrubber, and exhausting through the Multi-Finish Line Chromium Scrubber Stack;

(5) Two (2) rack strip tanks, identified as stations 207 and 208, equipped with the rack strip scrubber, and exhausting through the Multi-Finish Line Rack Strip Scrubber Stack;

(6) Three (3) chrome strip tanks, identified as stations 15, 197 and 198, equipped with the nickel/clean scrubber, and exhausting through the Multi-Finish Line Nickel/Cleaner Scrubber Stack;

(7) Rinse tanks, equipped with the nickel/clean scrubber, and exhausting through the Multi-Finish Line Nickel/Cleaner Scrubber Stack; and

(8) Ten (10) cleaner tanks, identified as stations 4, 5, 7, 8, 11, 12, 18, 22, 25 and 62, equipped with the nickel/clean scrubber, and exhausting through the Multi-Finish Line Nickel/Cleaner Scrubber Stack.

(The information describing the process contained in this facility description box is descriptive information and does not constitute enforceable conditions.)

Emission Limitations and Standards [326 IAC 2-6.1-5(1)]

D.8.1 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 tank 3700-S6869 except when otherwise specified in 40 CFR Part 63, Subpart N.

D.8.2 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 tank 3700-S6869

D.8.3 Chromium Emissions Limitation [40 CFR 63.342(c)] [40 CFR 63.343(a)(1)&(2)] [326 IAC 20-8-1]

(a) The emission limitations in this condition apply only during decorative chromium electroplating 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 decorative chromium electroplating tank operation, the Permittee shall control chromium emissions discharged to the atmosphere by:

Not allowing the surface tension of the electroplating bath contained within the tank to exceed forty-five dynes per centimeter (45 dynes/cm) [equivalent to three and one-tenth times ten raised to the power of negative three pound-force per foot ($3.1x10^{-3}$ lb_f/ft)] at any time during operation of tank 3700-S6869, when a chemical fume suppressant containing a wetting agent is used.

D.8.4 Work Practice Standards [40 CFR 63.342(f)] [326 IAC 20-8-1]

The following work practice standards apply to tank 3700-S6869.:

(a) At all times, including periods of startup, shutdown, malfunction and excess emissions, the Permittee shall operate and maintain tank 3700-S6869, including the fume suppressant containing a wetting agent 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.8.6.

(b) Malfunctions and excess emissions shall be corrected as soon as practicable after their occurrence in accordance with the OMP required by Condition D.8.6.

(c) These operation and maintenance requirements are enforceable independent of emissions limitations or other requirements in this section.

(d) Determination of whether acceptable operation and maintenance procedures are being used will be based on information available to IDEM, OAQ, which may include, but is not limited to, monitoring results; review of the OMP, procedures, and records; and inspection of the source.

(e) Based on the results of a determination made under paragraph (d) of this condition, IDEM, OAQ may require that the Permittee make changes to the OMP required by Condition D.8.6. Revisions may be required if IDEM, OAQ finds that the plan:

(1) Does not address a malfunction or period of excess emissions that has occurred;

(2) Fails to provide for the operation of tank 3700-S6869, including the fume suppressant containing a wetting agent and process monitoring equipment during a malfunction or period of excess emissions in a manner consistent with good air pollution control practices; or

(3) Does not provide adequate procedures for correcting malfunctioning process equipment, monitoring equipment or other causes of excess emissions as quickly as practicable.

For tank 3700-S6869, the Permittee shall comply with the requirements of this condition on and after the start-up date of each tank.

The work practice standards that address operation and maintenance must be followed during malfunctions and periods of excess emissions.

D.8.5 Preventive Maintenance Plan [326 IAC 1-6-3]

A Preventive Maintenance Plan (PMP), in accordance with Section B - Preventive Maintenance Plan, of this permit, is required for tank 3700-S6869.

D.8.6 Operation and Maintenance Plan [40 CFR 63.342(f)(3)] [326 IAC 20-8-1]

(a) The Permittee shall prepare an Operation and Maintenance Plan (OMP) to be implemented no later than the startup date of tank 3700-S6869. The OMP shall specify the

operation and maintenance criteria for tank 3700-S6869, the fume suppressant containing a wetting agent and monitoring equipment and shall include the following elements:

(1) Manufacturers recommendations for maintenance of the monitoring equipment used to measure surface tension;

(2) A standardized checklist to document the operation and maintenance criteria for tank 3700-S6869, the fume suppressant containing a wetting agent and the monitoring equipment.

(3) Procedures to be followed to ensure that equipment or process malfunctions due to poor maintenance or other preventable conditions or periods of excess emissions as indicated by monitoring data do not occur.

(4) A systematic procedure for identifying malfunctions and periods of excess emissions of tank 3700-S6869, the fume suppressant containing a wetting agent and monitoring equipment; and for implementing corrective actions to address such malfunctions and periods of excess emissions.

(b) The Permittee may use applicable standard operating procedures (SOP) manuals, Occupational Safety and Health Administration (OSHA) plans, or other existing plans such as the PMP required in Condition D.8.5, as the OMP, provided the alternative plans meet the above listed criteria in Condition D.8.6(a).

(c) If the OMP fails to address or inadequately addresses an event that meets the characteristics of a malfunction or period of excess emissions at the time the plan is initially developed, the Permittee shall revise the OMP within forty-five (45) days after such an event occurs. The revised plan shall include procedures for operating and maintaining tank 3700-S6869, the fume suppressant containing a wetting agent and the monitoring equipment, during similar malfunction or period of excess emissions events, and a program for corrective action for such events.

(d) If actions taken by the Permittee during periods of malfunction or period of excess emissions are inconsistent with the procedures specified in the OMP, the Permittee shall record the actions taken for that event and shall report by phone such actions within two (2) working days after commencing actions inconsistent with the plan. This report shall be followed by a letter within seven (7) working days after the end of the event, unless the Permittee makes alternative reporting arrangements, in advance, with IDEM, OAQ.

(e) The Permittee shall keep the written OMP on record after it is developed to be made available, upon request, by IDEM, OAQ for the life of tank 3700-S6869, or until the tank is no longer subject to the provisions of 40 CFR 63.340. In addition, if the OMP is revised, the Permittee shall keep previous versions of the OMPs on record to be made available for inspection, upon request by IDEM, OAQ for a period of five (5) years after each revision to the plan.

Compliance Determination Requirements [326 IAC 2-1.1-11]

D.8.7 Performance Testing [326 IAC 2-1.1-11] [40 CFR 63.343(b)(1)] [40 CFR 63.343(b)(2)] [40 CFR 63.7] [40 CFR 63.344] [326 IAC 20-8-1]

(a) 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, in lieu of establishing the maximum surface tension during an initial performance test.

(b) The Permittee is not required to test this facility by this permit. However, IDEM, OAQ may require testing when necessary to determine compliance. If testing is required by IDEM, OAQ, compliance shall be determined by a performance test conducted in accordance with the provisions of 40 CFR 63.344 and Section C - Performance Testing.

(c) Any change, modification, or reconstruction of tank 3700-S6869 the fume suppressant containing a wetting agent or monitoring equipment may require additional performance testing conducted in accordance with 40 CFR 63.344 and Section C - Performance Testing.

D.8.8 Establishing Site-Specific Operating Parameter Values [40 CFR 63.343(c)] [40 CFR 63.344(d)] [326 IAC 20-8-1]

In lieu of establishing the maximum surface tension during a performance test, the Permittee shall accept 45 dynes/cm as the maximum surface tension value that corresponds to compliance with the applicable emission limitation. The Permittee is exempt from conducting a performance test only if the criteria of 40 CFR 63.343(b)(2) are met.

Compliance Monitoring Requirements [326 IAC 2-5.1-3(e)(2)] [326 IAC 2-6.1-5(a)(2)]

D.8.9 Monitoring to Demonstrate Continuous Compliance [326 IAC 2-5.1-3(e)(2)] [326 IAC 2-6.1-5 (a)(2)] [40 CFR 63.343(c)] [326 IAC 20-8-1]

(a) Pursuant to 40 CFR 63.343(c)(5)(ii) and (iii), when using a wetting agent in the electro-plating bath to comply with the limit specified in Condition D.8.3, the Permittee shall monitor the surface tension of the electroplating baths. Operation of tank 3700-S6869 at a surface tension greater than 45 dynes per centimeter shall constitute noncompliance with the standards.

(1) The Permittee shall monitor the surface tension of the electroplating bath during tank operation according to the following schedule:

(A) The surface tension shall be measured once every 4 hours during operation of the tank with a stalagmometer or a tensiometer as specified in Method 306B, appendix A of this part.

(B) The time between monitoring can be increased if there have been no exceedances. The surface tension shall be measured once every 4 hours of tank operation for the first 40 hours of tank operation after the compliance date. Once there are no exceedances during 40 hours of tank operation, surface tension measurement may be conducted once every 8 hours of tank operation. Once there are no exceedances during 40 hours of tank operation, surface tension measurement may be conducted once every day of tank operation, provided there are no more than 40 hours between measurements on an ongoing basis, until an exceedance occurs. The minimum frequency of monitoring allowed by this subpart is once every 40 hours of tank operation.

(C) Once an exceedance occurs as indicated through surface tension monitoring, the original monitoring schedule of once every 4 hours must be resumed. A subsequent decrease in frequency shall follow the schedule laid out in paragraph (B) above. For example, if a Permittee had been monitoring a tank once every 40 hours and an exceedance occurs, subsequent monitoring would take place once every 4 hours of tank operation. Once an exceedance does not occur for 40 hours of tank operation, monitoring can occur once every 8 hours of tank operation. Once an exceedance does not occur for 40 hours of tank operation on this schedule, monitoring can occur once every 40 hours of tank operation.

(2) Once a bath solution is drained from tank 3700-S6869 and a new solution added, the original monitoring schedule of once every 4 hours must be resumed, with a decrease in monitoring frequency allowed following the procedures in paragraphs (B) and (C) above.

(b) Tank operation or operating time is defined as that time when a part is in the tank and there is a current running through the tank. If the amount of time that no part is in the tank is fifteen minutes or longer, that time is not considered operating time. Likewise, if the amount of time between placing parts in the tank (i.e., when no part is in the tank) is less than fifteen minutes, that time between plating the two parts may be considered operating time. Amp meters are an acceptable method of measuring operating time provided the amp meter only records time when the rectifier is on and there is a part in the tank.

Record Keeping and Reporting Requirements [326 IAC 2-5.1-3(e)(2)] [326 IAC 2-6.1-5(a)(2)]

D.8.10 Record Keeping Requirements [326 IAC 2-5.1-3(e)(2)] [40 CFR 63.346] [326 IAC 20-8-1]

The Permittee shall maintain records to document compliance with Conditions D.8.3, D.8.4 and D.8.6. These records shall be maintained in accordance with Section C - General Record Keeping Requirements of this permit and include a minimum of the following:

(a) Inspection records for the fume suppressant containing a wetting agent and monitoring equipment to document that the inspection and maintenance required by Conditions D.8.7 and D.8.9 have taken place. The record can take the form of a checklist and should identify the following:

(1) The device inspected;

(2) The date of inspection;

(3) A brief description of the working condition of the device during the inspection, including any deficiencies found; and

(4) Any actions taken to correct deficiencies found during the inspection, including the date(s) such actions were taken.

(b) Records of all maintenance performed on tank S3700-S6869 and monitoring equipment.

(c) Records of the occurrence, duration, and cause (if known) of each malfunction of tank 3700-S6869, the fume suppressant containing a wetting agent, and monitoring equipment

(d) Records of the occurrence, duration, and cause (if known) of each period of excess emissions of tank 3700-S6869, the fume suppressant containing a wetting agent, and monitoring equipment as indicated by monitoring data collected in accordance with this condition.

(e) Records of actions taken during periods of malfunction or excess emissions when such actions are inconsistent with the OMP.

(f) Other records, which may take the form of checklists, necessary to demonstrate consistency with the provisions of the OMP.

(g) Test reports documenting results of all performance tests.

(h) All measurements as may be necessary to determine the conditions of performance tests, including measurements necessary to determine compliance.

(i) Records of monitoring data required by 40 CFR 63.343(c) that are used to demonstrate compliance with the standard including the date and time the data are collected.

(j) The total process operating time, as defined in Condition D.8.9(b), of each tank, during the reporting period.

(k) Records of the date and time that fume suppressants were added to the electroplating bath, and the amount and type of fume suppressants added.

(l) All documentation supporting the notifications and reports required by 40 CFR 63.9 and 63.10 (Subpart A, General Provisions) and by Condition D.8.11.

D.8.11 Reporting Requirements [326 IAC 2-5.1-3(e)(2)] [326 IAC 3-6-4(b)] [40 CFR 63.344(a), 63.345 and 63.347] [326 IAC 20-8-1]

The notifications and reports required in this section shall be submitted to IDEM, OAQ using the address specified in Section C - General Reporting Requirements.

(a) Notifications:

(1) Initial Notifications
The Permittee shall submit an Initial Notification for each new or reconstructed tank as follows:

(A) A notification of the actual dates when construction of tank 3700-S6869, commenced shall be submitted no later than thirty (30) days after such dates.

(B) A notification of the actual date of startup of tank 3700-S6869 shall be submitted within thirty (30) days after such date.

(2) A Notification of Compliance Status (NCS) is required each time that the facility becomes subject to the requirements of 40 CFR Part 63 Subpart N.

(A) The NCS shall be submitted to IDEM, OAQ, and shall list, for each tank, the information identified in 40 CFR 63.347(e)(2).

(B) The NCS for tank 3700-S6869 shall be submitted to IDEM, OAQ no later than 30 days after the startup date.

(3) Notification of Construction or Reconstruction
Pursuant to 40 CFR 63.345(b)(1), the Permittee may not construct a new tank subject to 40 CFR 63, Subpart N (including non-affected tanks defined in 40 CFR 63.344(e)) without submitting a Notification of Construction or Reconstruction (NCR) to IDEM, OAQ. In addition, the Permittee may not change, modify, or reconstruct tank 3700-S6869 without submitting a Notification of Construction or Reconstruction (NCR) to IDEM, OAQ.

(A) The NCR shall contain the information identified in 40 CFR 63.345(b) (2) and (3).

(B) A change, modification, or reconstruction of this facility includes any change in the air pollution control techniques, the addition of add-on control devices, or the construction of duct work for the purpose of controlling both existing tanks and non-affected facilities by a common control technique or device.

(C) A complete application to construct new chromium electroplating or chromium anodizing tanks serves as this notification. Likewise, the complete application to modify or reconstruct tank 3700-S6869 serves as this notification.

(D) Pursuant to 326 IAC 2-1.1-2(a), permission must be received from IDEM, OAQ before construction, modification, or reconstruction may commence.

(b) Performance Test Results
The Permittee shall document results from any future performance tests in a complete test report that contains the information required in 40 CFR 344(a).

The Permittee shall submit reports of performance test results as part of the Notification of Compliance Status, described in 40 CFR 63.347(e), no later than forty-five (45) days following the completion of the performance test.

(c) Ongoing Compliance Status Report

The Permittee shall prepare summary reports to document the ongoing compliance status of tank 3700-S6869 using the Ongoing Compliance Status Report form provided with this permit. This report shall contain the information specified in 40 CFR 63.347(g)(3).

The Ongoing Compliance Status Report shall be retained on site and made available to IDEM, OAQ upon request.

(1) The Ongoing Compliance Status Report shall be completed according to the following schedule except as provided in paragraphs (c)(2).

(A) The first report shall cover the period from the issuance date of this permit to December 31 of the year in which the permit is issued.

(B) Following the first year of reporting, the report shall be completed on a calendar year basis with the reporting period covering from January 1 to December 31.

(2) If both of the following conditions are met, semiannual reports shall be prepared and submitted to IDEM, OAQ:

(A) The total duration of excess emissions (as indicated by the monitoring data collected by the Permittee in accordance with 40 CFR 63.343(c)) is one percent (1%) or greater of the total operating time as defined in Condition D.8.9(b) for the reporting period; and

(B) The total duration of malfunctions of the add-on air pollution control device and monitoring equipment is five percent (5%) or greater of the total operating time as defined in Condition D.8.9(b).

Once the Permittee reports an exceedance as defined above, Ongoing Compliance Status Reports shall be submitted semiannually until a request to reduce reporting frequency in accordance with 40 CFR 63.347(g)(2) is approved.

(3) IDEM, OAQ may determine on a case-by-case basis that the summary report shall be completed more frequently and submitted, or that the annual report shall be submitted instead of being retained on site, if these measures are necessary to accurately assess the compliance status of the source

MALFUNCTION REPORT

INDIANA DEPARTMENT OF ENVIRONMENTAL QUALITY
OFFICE OF AIR QUALITY
FAX NUMBER - 317 233-5967

This form should only be used to report malfunctions applicable to Rule 326 IAC 1-6 and to qualify for the exemption under 326 IAC 1-6-4.

THIS FACILITY MEETS THE APPLICABILITY REQUIREMENTS BECAUSE IT HAS POTENTIAL TO EMIT 25 TONS/YEAR PARTICULATE MATTER ?_____, 25 TONS/YEAR SULFUR DIOXIDE ?_____, 25 TONS/YEAR NITROGEN OXIDES ?_____, 25 TONS/YEAR VOC ?_____, 25 TONS/YEAR HYDROGEN SULFIDE ?_____, 25 TONS/YEAR TOTAL REDUCED SULFUR ?_____, 25 TONS/YEAR REDUCED SULFUR COMPOUNDS ?_____, 25 TONS/YEAR FLUORIDES ?_____, 100 TONS/YEAR CARBON MONOXIDE ?_____, 10 TONS/YEAR ANY SINGLE HAZARDOUS AIR POLLUTANT ?_____, 25 TONS/YEAR ANY COMBINATION HAZARDOUS AIR POLLUTANT ?_____, 1 TON/YEAR LEAD OR LEAD COMPOUNDS MEASURED AS ELEMENTAL LEAD ?_____, OR IS A SOURCE LISTED UNDER 326 IAC 2-5.1-3(2) ?_____. EMISSIONS FROM MALFUNCTIONING CONTROL EQUIPMENT OR PROCESS EQUIPMENT CAUSED EMISSIONS IN EXCESS OF APPLICABLE LIMITATION _____.

THIS MALFUNCTION RESULTED IN A VIOLATION OF: 326 IAC _____ OR, PERMIT CONDITION # _____ AND/OR PERMIT LIMIT OF _____

THIS INCIDENT MEETS THE DEFINITION OF >MALFUNCTION= AS LISTED ON REVERSE SIDE ? Y N

THIS MALFUNCTION IS OR WILL BE LONGER THAN THE ONE (1) HOUR REPORTING REQUIREMENT ? Y N

COMPANY: Delta Faucet Company PHONE NO. : 812 - 663 - 4433
LOCATION: (CITY AND COUNTY) Greensburg / Decatur
PERMIT NO 031-11706-00007 AFS PLANT ID: 031-00007 AFS POINT ID: _____ INSP: _____
CONTROL/PROCESS DEVICE WHICH MALFUNCTIONED AND REASON: _____

DATE/TIME MALFUNCTION STARTED: _____/_____/ 20_____ _____ AM / PM

ESTIMATED HOURS OF OPERATION WITH MALFUNCTION CONDITION: _____

DATE/TIME CONTROL EQUIPMENT BACK-IN SERVICE_____/_____/ 20____ _____ AM / PM

TYPE OF POLLUTANTS EMITTED: TSP, PM-10, SO2, VOC, OTHER: _____

ESTIMATED AMOUNT OF POLLUTANT EMITTED DURING MALFUNCTION: _____

MEASURES TAKEN TO MINIMIZE EMISSIONS: _____

REASONS WHY FACILITY CANNOT BE SHUTDOWN DURING REPAIRS:

CONTINUED OPERATION REQUIRED TO PROVIDE ESSENTIAL* SERVICES: _____
CONTINUED OPERATION NECESSARY TO PREVENT INJURY TO PERSONS: _____
CONTINUED OPERATION NECESSARY TO PREVENT SEVERE DAMAGE TO EQUIPMENT: _____
INTERIM CONTROL MEASURES: (IF APPLICABLE) _____

MALFUNCTION REPORTED BY: _____ TITLE: _____
(SIGNATURE IF FAXED)

MALFUNCTION RECORDED BY: _____ DATE: _____ TIME: _____

*SEE PAGE 2

Please note - This form should only be used to report malfunctions applicable to Rule 326 IAC 1-6 and to qualify for the exemption under 326 IAC 1-6-4.

326 IAC 1-6-1 Applicability of rule

Sec. 1. This rule applies to the owner or operator of any facility required to obtain a permit under 326 IAC 2-5.1 or 326 IAC 2-6.1.

326 IAC 1-2-39 "Malfunction" definition

Sec. 39. Any sudden, unavoidable failure of any air pollution control equipment, process, or combustion or process equipment to operate in a normal and usual manner.

*** Essential services** are interpreted to mean those operations, such as, the providing of electricity by power plants. Continued operation solely for the economic benefit of the owner or operator shall not be sufficient reason why a facility cannot be shutdown during a control equipment shutdown.

If this item is checked on the front, please explain rationale:

_____

_____

INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
OFFICE OF AIR QUALITY
COMPLIANCE DATA SECTION

MINOR SOURCE OPERATING PERMIT
ANNUAL NOTIFICATION

This form should be used to comply with the notification requirements under 326 IAC 2-6.1-5(a)(5).

Company Name:	**Delta Faucet Company**
Address:	**1425 West Main Street**
City:	**Greensburg, Indiana 47240**
Phone #:	**812 - 663 - 4433**
MSOP #:	**031-11706-00007**

I hereby certify that Delta Faucet Company is 9 still in operation.
9 no longer in operation.

I hereby certify that Delta Faucet Company is 9 in compliance with the requirements of MSOP 031-11706-00007.
9 not in compliance with the requirements of MSOP 031-11706-00007.

Authorized Individual (typed):
Title:
Signature:
Date:

If there are any conditions or requirements for which the source is not in compliance, provide a narrative description of how the source did or will achieve compliance and the date compliance was, or will be achieved.

Noncompliance:

INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
OFFICE OF AIR QUALITY
COMPLIANCE DATA SECTION

MINOR SOURCE OPERATING PERMIT
NATURAL GAS FIRED BOILER CERTIFICATION

Source Name: Delta Faucet Company
Source Address: 1425 West Main Street, Greensburg, IN 47240
Mailing Address: P.O. Box 47, Greensburg, IN 47240
MSOP No.: 031-11706-00007

This certification shall be included when submitting monitoring, testing reports/results or other documents as required by this permit.

Report period
Beginning: _____
Ending: _____

Boiler Affected	Alternate Fuel	Days burning alternate fuel	
		From	To

I certify that, based on information and belief formed after reasonable inquiry, the statements and information in the document are true, accurate, and complete.

Signature:

Printed Name:

Title/Position:

Date:

INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
OFFICE OF AIR QUALITY
COMPLIANCE DATA SECTION

CHROMIUM ELECTROPLATING NESHAP
ONGOING COMPLIANCE STATUS REPORT

Source Name: Delta Faucet Company
Source Address: 1425 West Main Street, Greensburg, IN 47240
Mailing Address: P.O. Box 47, Greensburg, IN 47240
MSOP No.: 031-11706-00007

Tank ID #: _____
Type of process: *[Hard, Decorative, Anodizing]*
Monitoring Parameter: *[e.g., Surface tension of the electroplating bath]*
Parameter Value: *[e.g., 45 dynes per centimeter]*
Limits: Total chromium concentration may not exceed _____ mg/dscm

This form is to be used to report compliance for the Chromium Electroplating NESHAP only.
The frequency for completing this report may be altered by the IDEM, OAQ, Compliance Branch.

Companies classified as a major source: submit this report no later than 30 days after the end of the reporting period.
Companies classified as an area source: complete this report no later than 30 days after the end of the reporting period, and retain on site unless otherwise notified.

This form consists of 2 pages **Page 1 of 2**

BEGINNING AND ENDING DATES OF THE REPORTING PERIOD:
TOTAL OPERATING TIME OF THE TANK DURING THE REPORTING PERIOD:

MAJOR AND AREA SOURCES: CHECK ONE
9 NO DEVIATIONS OF THE MONITORING PARAMETER ASSOCIATED WITH THIS TANK FROM THE COMPLIANT VALUE OR RANGE OF VALUES OCCURRED DURING THIS REPORTING PERIOD.
9 THE MONITORING PARAMETER DEVIATED FROM THE COMPLIANT VALUE OR RANGE OF VALUES DURING THIS REPORTING PERIOD (THUS INDICATING THE EMISSION LIMITATION MAY HAVE BEEN EXCEEDED, WHICH COULD RESULT IN MORE FREQUENT REPORTING).

AREA (I.E., NON-MAJOR) SOURCES OF HAP ONLY:
IF DEVIATIONS OCCURRED, LIST THE AMOUNT OF TANK OPERATING TIME EACH MONTH THAT MONITORING RECORDS SHOW THE MONITORING PARAMETER DEVIATED FROM THE COMPLIANT VALUE OR RANGE OF VALUES.

JAN	APR	JUL	OCT
FEB	MAY	AUG	NOV
MAR	JUN	SEP	DEC

HARD CHROME TANKS / MAXIMUM RECTIFIER CAPACITY LIMITED IN ACCORDANCE WITH 40 CFR 63.342(c)(2) ONLY:
LIST THE ACTUAL AMPERE-HOURS CONSUMED (BASED ON AN AMP-HR METER) BY THE INDIVIDUAL TANK.

JAN	APR	JUL	OCT
FEB	MAY	AUG	NOV
MAR	JUN	SEP	DEC

CHROMIUM ELECTROPLATING NESHAP
ONGOING COMPLIANCE STATUS REPORT

ATTACH A SEPARATE PAGE IF NEEDED **Page 2 of 2**

IF THE OPERATION AND MAINTENANCE PLAN REQUIRED BY 40 CFR 63.342 (f)(3) WAS NOT FOLLOWED, PROVIDE AN EXPLANATION OF THE REASONS FOR NOT FOLLOWING THE PLAN AND DESCRIBE THE ACTIONS TAKEN FOR THAT EVENT:

DESCRIBE ANY CHANGES IN TANKS, RECTIFIERS, CONTROL DEVICES, MONITORING, ETC. SINCE THE LAST STATUS REPORT:

ADDITIONAL COMMENTS:

ALL SOURCES: CHECK ONE

9 I CERTIFY THAT THE WORK PRACTICE STANDARDS IN 40 CFR 63.342(f) WERE FOLLOWED IN ACCORDANCE WITH THE OPERATION AND MAINTENANCE PLAN ON FILE; AND, THAT THE INFORMATION CONTAINED IN THIS REPORT IS ACCURATE AND TRUE TO THE BEST OF MY KNOWLEDGE.

9 THE WORK PRACTICE STANDARDS IN 40 CFR 63.342(f) WERE NOT FOLLOWED IN ACCORDANCE WITH THE OPERATION AND MAINTENANCE PLAN ON FILE, AS EXPLAINED ABOVE AND/OR ON ATTACHED.

Submitted by: _____

Title/Position: _____

Signature: _____

Date: _____

Phone: _____

Attach a signed certification to complete this report.