

New York State Department of Environmental Conservation
Facility DEC ID: 3550800325



PERMIT
Under the Environmental Conservation Law (ECL)

IDENTIFICATION INFORMATION

Permit Type: Air State Facility
Permit ID: 3-5508-00325/00001
Effective Date: 03/23/2006 Expiration Date: No expiration date

Permit Issued To: METAL MAN RESTORATION LLC
245 E THIRD ST
MOUNT VERNON, NY 10550

Contact: ANTHONY M GUGLIELMO
245 EAST THIRD ST
MOUNT VERNON, NY 10550
(914) 738-7773

Facility: METAL MAN RESTORATION
245 E THIRD ST
MT VERNON, NY 10550

Description:

This facility is electroplating small decorative metal parts. The processes involved are surface stripping of the material, pre-treatment of the materials prior to them being electroplated, chrome, copper and nickel electroplating and a small size spray painting.

By acceptance of this permit, the permittee agrees that the permit is contingent upon strict compliance with the ECL, all applicable regulations, the General Conditions specified and any Special Conditions included as part of this permit.

Permit Administrator: ROBERT J STANTON
NYS DEC DIVISION OF AIR RESOURCES
21 SOUTH PUTT CORNERS RD
NEW PALTZ, NY 12561-1696

Authorized Signature: _____ Date: ____ / ____ / ____



Notification of Other State Permittee Obligations

Item A: Permittee Accepts Legal Responsibility and Agrees to Indemnification

The permittee expressly agrees to indemnify and hold harmless the Department of Environmental Conservation of the State of New York, its representatives, employees, and agents ("DEC") for all claims, suits, actions, and damages, to the extent attributable to the permittee's acts or omissions in connection with the permittee's undertaking of activities in connection with, or operation and maintenance of, the facility or facilities authorized by the permit whether in compliance or not in compliance with the terms and conditions of the permit. This indemnification does not extend to any claims, suits, actions, or damages to the extent attributable to DEC's own negligent or intentional acts or omissions, or to any claims, suits, or actions naming the DEC and arising under article 78 of the New York Civil Practice Laws and Rules or any citizen suit or civil rights provision under federal or state laws.

Item B: Permittee's Contractors to Comply with Permit

The permittee is responsible for informing its independent contractors, employees, agents and assigns of their responsibility to comply with this permit, including all special conditions while acting as the permittee's agent with respect to the permitted activities, and such persons shall be subject to the same sanctions for violations of the Environmental Conservation Law as those prescribed for the permittee.

Item C: Permittee Responsible for Obtaining Other Required Permits

The permittee is responsible for obtaining any other permits, approvals, lands, easements and rights-of-way that may be required to carry out the activities that are authorized by this permit.

Item D: No Right to Trespass or Interfere with Riparian Rights

This permit does not convey to the permittee any right to trespass upon the lands or interfere with the riparian rights of others in order to perform the permitted work nor does it authorize the impairment of any rights, title, or interest in real or personal property held or vested in a person not a party to the permit.



LIST OF CONDITIONS

DEC GENERAL CONDITIONS

General Provisions

Facility Inspection by the Department

Relationship of this Permit to Other Department Orders and Determinations

Applications for Permit Renewals and Modifications

Permit Modifications, Suspensions and Revocations by the Department

Facility Level

Submission of Applications for Permit Modification or Renewal-REGION 3

HEADQUARTERS



DEC GENERAL CONDITIONS
****** General Provisions ******
GENERAL CONDITIONS - Apply to ALL Authorized Permits.

Condition 1: Facility Inspection by the Department
Applicable State Requirement: ECL 19-0305

Item 1.1:

The permitted site or facility, including relevant records, is subject to inspection at reasonable hours and intervals by an authorized representative of the Department of Environmental Conservation (the Department) to determine whether the permittee is complying with this permit and the ECL. Such representative may order the work suspended pursuant to ECL 71-0301 and SAPA 401(3).

Item 1.2:

The permittee shall provide a person to accompany the Department's representative during an inspection to the permit area when requested by the Department.

Item 1.3:

A copy of this permit, including all referenced maps, drawings and special conditions, must be available for inspection by the Department at all times at the project site or facility. Failure to produce a copy of the permit upon request by a Department representative is a violation of this permit.

Condition 2: Relationship of this Permit to Other Department Orders and Determinations
Applicable State Requirement: ECL 3-0301.2(m)

Item 2.1:

Unless expressly provided for by the Department, issuance of this permit does not modify, supersede or rescind any order or determination previously issued by the Department or any of the terms, conditions or requirements contained in such order or determination.

Condition 3: Applications for Permit Renewals and Modifications
Applicable State Requirement: 6NYCRR 621.13

Item 3.1:

The permittee must submit a separate written application to the Department for renewal, modification or transfer of this permit. Such application must include any forms or supplemental information the Department requires. Any renewal, modification or transfer granted by the Department must be in writing.

Item 3.2:

The permittee must submit a renewal application at least 180 days before expiration of permits for Title V Facility Permits, or at least 30 days before expiration of permits for State Facility Permits.

Item 3.3:

Permits are transferrable with the approval of the department unless specifically prohibited by the statute, regulation or another permit condition. Applications for permit transfer should be submitted prior to actual

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transfer of ownership.

Condition 4: Permit Modifications, Suspensions and Revocations by the Department
Applicable State Requirement: 6NYCRR 621.14

Item 4.1:

The Department reserves the right to modify, suspend, or revoke this permit in accordance with 6NYCRR Part 621. The grounds for modification, suspension or revocation include:

- a) materially false or inaccurate statements in the permit application or supporting papers;
- b) failure by the permittee to comply with any terms or conditions of the permit;
- c) exceeding the scope of the project as described in the permit application;
- d) newly discovered material information or a material change in environmental conditions, relevant technology or applicable law or regulations since the issuance of the existing permit;
- e) noncompliance with previously issued permit conditions, orders of the commissioner, any provisions of the Environmental Conservation Law or regulations of the Department related to the permitted activity.

****** Facility Level ******

Condition 5: Submission of Applications for Permit Modification or Renewal-REGION 3 HEADQUARTERS
Applicable State Requirement: 6NYCRR 621.5(a)

Item 5.1:

Submission of applications for permit modification or renewal are to be submitted to:

NYSDEC Regional Permit Administrator
Region 3 Headquarters
Division of Environmental Permits
21 South Putt Corners Road
New Paltz, NY 12561-1696
(845) 256-3054



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ARTICLE 19: AIR POLLUTION CONTROL - AIR STATE FACILITY PERMIT

IDENTIFICATION INFORMATION

Permit Issued To: METAL MAN RESTORATION LLC
245 E THIRD ST
MOUNT VERNON, NY 10550

Facility: METAL MAN RESTORATION
245 E THIRD ST
MT VERNON, NY 10550

Authorized Activity By Standard Industrial Classification Code:
3471 - ELECTROPLATING,POLISHING,ANODIZING, AND COLORING
3479 - METAL COATING AND ALLIED SERVICES,NEC

Permit Effective Date: 03/23/2006

Permit Expiration Date: No expiration date.



LIST OF CONDITIONS

FEDERALLY ENFORCEABLE CONDITIONS

Facility Level

- 1 40CFR 63.342(e)(1), Subpart N: Recordkeeping and reporting requirements for trivalent chromium processes using a wetting agent.
- 2 40CFR 63.347(i), Subpart N: Compliance Demonstration

Emission Unit Level

EU=A-00005

- 4 40CFR 63.342(d)(2), Subpart N: Compliance Demonstration
- 3 40CFR 63.343(b)(2), Subpart N: Compliance Demonstration
- 5 40CFR 63.346(a), Subpart N: Compliance Demonstration
- 6 40CFR 63.346(b), Subpart N: Compliance Demonstration

EU=A-00005,Proc=05P

- 8 40CFR 63.340(e), Subpart N: Decorative chromium electroplating operations
- 9 40CFR 63.342(d)(2), Subpart N: Compliance Demonstration
- 7 40CFR 63.343(c)(5)(ii), Subpart N: Compliance Demonstration

EU=A-00006

- 10 6NYCRR 228.1(e): Compliance Demonstration

STATE ONLY ENFORCEABLE CONDITIONS

Facility Level

- 11 ECL 19-0301: Contaminant List
- 12 6NYCRR 201-1.4: Unavoidable noncompliance and violations
- 13 6NYCRR 201-5: Emission Unit Definition
- 14 6NYCRR 211.2: Air pollution prohibited

Emission Unit Level

- 15 6NYCRR 201-5: Process Definition By Emission Unit



FEDERALLY ENFORCEABLE CONDITIONS

****** Facility Level ******

NOTIFICATION OF GENERAL PERMITTEE OBLIGATIONS

This section contains terms and conditions which are federally enforceable. Permittees may also have other obligations under regulations of general applicability

Item A: Sealing - 6NYCRR Part 200.5

The Commissioner may seal an air contamination source to prevent its operation if compliance with 6 NYCRR Chapter III is not met within the time provided by an order of the Commissioner issued in the case of the violation.

Sealing means labeling or tagging a source to notify any person that operation of the source is prohibited, and also includes physical means of preventing the operation of an air contamination source without resulting in destruction of any equipment associated with such source, and includes, but is not limited to, bolting, chaining or wiring shut control panels, apertures or conduits associated with such source.

No person shall operate any air contamination source sealed by the Commissioner in accordance with this section unless a modification has been made which enables such source to comply with all requirements applicable to such modification.

Unless authorized by the Commissioner, no person shall remove or alter any seal affixed to any contamination source in accordance with this section.

Item B: Acceptable Ambient Air Quality - 6NYCRR Part 200.6

Notwithstanding the provisions of 6 NYCRR Chapter III, Subchapter A, no person shall allow or permit any air contamination source to emit air contaminants in quantities which alone or in combination with emissions from other air contamination sources would contravene any applicable ambient air quality standard and/or cause air pollution. In such cases where contravention occurs or may occur, the Commissioner shall specify the degree and/or method of emission control required.

Item C: Maintenance of Equipment - 6NYCRR Part 200.7

Any person who owns or operates an air contamination

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source which is equipped with an emission control device shall operate such device and keep it in a satisfactory state of maintenance and repair in accordance with ordinary and necessary practices, standards and procedures, inclusive of manufacturer's specifications, required to operate such device effectively.

Item D: Unpermitted Emission Sources - 6NYCRR Part 201-1.2

If an existing emission source was subject to the permitting requirements of 6NYCRR Part 201 at the time of construction or modification, and the owner and/or operator failed to apply for a permit for such emission source then the following provisions apply:

(a) The owner and/or operator must apply for a permit for such emission source or register the facility in accordance with the provisions of Part 201.

(b) The emission source or facility is subject to all regulations that were applicable to it at the time of construction or modification and any subsequent requirements applicable to existing sources or facilities.

Item E: Emergency Defense - 6NYCRR Part 201-1.5

An emergency constitutes an affirmative defense to an action brought for noncompliance with emissions limitations or permit conditions for all facilities in New York State.

(a) The affirmative defense of emergency shall be demonstrated through properly signed, contemporaneous operating logs, or other relevant evidence that:

(1) An emergency occurred and that the facility owner and/or operator can identify the cause(s) of the emergency;

(2) The equipment at the permitted facility causing the emergency was at the time being properly operated;

(3) During the period of the emergency the facility owner and/or operator took all reasonable steps to minimize levels of emissions that exceeded the emission standards, or other requirements in the permit; and

(4) The facility owner and/or operator notified the Department within two working days after the event

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occurred. This notice must contain a description of the emergency, any steps taken to mitigate emissions, and corrective actions taken.

(b) In any enforcement proceeding, the facility owner and/or operator seeking to establish the occurrence of an emergency has the burden of proof.

(c) This provision is in addition to any emergency or upset provision contained in any applicable requirement.

Item F: Recycling and Salvage - 6NYCRR Part 201-1.7

Where practical, any person who owns or operates an air contamination source shall recycle or salvage air contaminants collected in an air cleaning device according to the requirements of 6 NYCRR.

Item G: Prohibition of Reintroduction of Collected Contaminants to the Air - 6NYCRR Part 201-1.8

No person shall unnecessarily remove, handle, or cause to be handled, collected air contaminants from an air cleaning device for recycling, salvage or disposal in a manner that would reintroduce them to the outdoor atmosphere.

Item H: Proof of Eligibility for Sources Defined as Exempt Activities - 6 NYCRR Part 201-3.2(a)

The owner and/or operator of an emission source or unit that is eligible to be exempt, may be required to certify that it operates within the specific criteria described in 6 NYCRR Subpart 201-3. The owner or operator of any such emission source must maintain all required records on-site for a period of five years and make them available to representatives of the Department upon request. Department representatives must be granted access to any facility which contains emission sources or units subject to 6 NYCRR Subpart 201-3, during normal operating hours, for the purpose of determining compliance with this and any other state and federal air pollution control requirements, regulations, or law.

Item I: Proof of Eligibility for Sources Defined as Trivial Activities - 6 NYCRR Part 201-3.3(a)

The owner and/or operator of an emission source or unit that is listed as being trivial in 6 NYCRR Part 201 may be required to certify that it operates within the specific



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criteria described in 6 NYCRR Subpart 201-3. The owner or operator of any such emission source must maintain all required records on-site for a period of five years and make them available to representatives of the Department upon request. Department representatives must be granted access to any facility which contains emission sources or units subject to 6 NYCRR Subpart 201-3, during normal operating hours, for the purpose of determining compliance with this and any other state and federal air pollution control requirements, regulations, or law.

Item J: Required Emission Tests - 6 NYCRR Part 202-1.1

An acceptable report of measured emissions shall be submitted, as may be required by the Commissioner, to ascertain compliance or noncompliance with any air pollution code, rule, or regulation. Failure to submit a report acceptable to the Commissioner within the time stated shall be sufficient reason for the Commissioner to suspend or deny an operating permit. Notification and acceptable procedures are specified in 6NYCRR Part 202-1.

Item K: Visible Emissions Limited - 6 NYCRR Part 211.3

Except as permitted by a specific part of this Subchapter and for open fires for which a restricted burning permit has been issued, no person shall cause or allow any air contamination source to emit any material having an opacity equal to or greater than 20 percent (six minute average) except for one continuous six-minute period per hour of not more than 57 percent opacity.

Item L: Open Fires - 6 NYCRR Part 215

No person shall burn, cause, suffer, allow or permit the burning in an open fire of garbage, rubbish for salvage, or rubbish generated by industrial or commercial activities.

Item M: Permit Exclusion - ECL 19-0305

The issuance of this permit by the Department and the receipt thereof by the Applicant does not and shall not be construed as barring, diminishing, adjudicating or in any way affecting any legal, administrative or equitable rights or claims, actions, suits, causes of action or demands whatsoever that the Department may have against the Applicant for violations based on facts and circumstances alleged to have occurred or existed prior to the effective date of this permit, including, but not

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limited to, any enforcement action authorized pursuant to the provisions of applicable federal law, the Environmental Conservation Law of the State of New York (ECL) and Chapter III of the Official Compilation of the Codes, Rules and Regulations of the State of New York (NYCRR). The issuance of this permit also shall not in any way affect pending or future enforcement actions under the Clean Air Act brought by the United States or any person.

Item N: Federally Enforceable Requirements - 40 CFR 70.6(b)

All terms and conditions in this permit required by the Act or any applicable requirement, including any provisions designed to limit a facility's potential to emit, are enforceable by the Administrator and citizens under the Act. The Department has, in this permit, specifically designated any terms and conditions that are not required under the Act or under any of its applicable requirements as being enforceable under only state regulations.

FEDERAL APPLICABLE REQUIREMENTS

The following conditions are federally enforceable.

**Condition 1: Recordkeeping and reporting requirements for trivalent chromium processes using a wetting agent.
Effective between the dates of 03/23/2006 and Permit Expiration Date**

Applicable Federal Requirement: 40CFR 63.342(e)(1), Subpart N

Item 1.1:

This facility is subject to reporting and recordkeeping requirements of 63.346 (b) (14) and 63.347 (i), and (i) (3) and comply with applicable emission limitations specified in 63.343 (a) (7).

**Condition 2: Compliance Demonstration
Effective between the dates of 03/23/2006 and Permit Expiration Date**

Applicable Federal Requirement: 40CFR 63.347(i), Subpart N

Item 2.1:

The Compliance Demonstration activity will be performed for the Facility.

Regulated Contaminant(s):

CAS No: 016065-83-1 CHROMIUM (III)

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Item 2.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

(i) Reports associated with trivalent chromium baths. The requirements of this paragraph do not alleviate affected sources from complying with the requirements of State or Federal operating permit programs under title V. Owners or operators complying with the provisions of §63.342(e) are not subject to paragraphs (a) through (h) of this section, but must instead submit the following reports:

(1) Within 180 days after January 25, 1995, submit an initial notification that includes:

(i) The same information as is required by paragraphs (c)(1) (i) through (v) of this section; and

(ii) A statement that a trivalent chromium process that incorporates a wetting agent will be used to comply with §63.342(e); and

(iii) The list of bath components that comprise the trivalent chromium bath, with the wetting agent clearly identified; and

(2) Within 30 days of the compliance date specified in §63.343(a), a notification of compliance status that contains an update of the information submitted in accordance with paragraph (i)(1) of this section or a statement that the information is still accurate; and

(3) Within 30 days of a change to the trivalent chromium electroplating process, a report that includes:

(i) A description of the manner in which the process has been changed and the emission limitation, if any, now applicable to the affected source;

(ii) If a different emission limitation applies, the applicable information required by paragraph (c)(1) of this section; and

(iii) The notification and reporting requirements of paragraphs (d), (e), (f), (g), and (h) of this section, which shall be submitted in accordance with the schedules identified in those paragraphs.

[60 FR 4963, Jan. 25, 1995, as amended at 61 FR 27787, June 3, 1996; 62 FR 4465, Jan. 30, 1997]

Pt. 63, Subpt. N, Table 1

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

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****** Emission Unit Level ******

Condition 4: Compliance Demonstration
Effective between the dates of 03/23/2006 and Permit Expiration Date

Applicable Federal Requirement: 40CFR 63.342(d)(2), Subpart N

Item 4.1:

The Compliance Demonstration activity will be performed for:

Emission Unit: A-00005

Regulated Contaminant(s):

CAS No: 007440-47-3 CHROMIUM

Item 4.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: MONITORING OF PROCESS OR CONTROL
DEVICE PARAMETERS AS SURROGATE

Monitoring Description:

Standards for decorative chromium electroplating tanks.
Surface tension of the electroplating bath shall not exceed the limit stated below at any time during operation of the tank. The compliance limit shall be confirmed through continuous compliance monitoring as required under part 63.343 (c)(5)(i), (ii) and (iii).
An initial performance test is optional but not required.
An initial compliance test can be performed in lieu of the initial performance test but an initial performance test cannot substitute the initial compliance test.
Any exceedances shall be reported to NYSDEC within 30 days of the time they occurred.

Manufacturer Name/Model Number: TBD

Parameter Monitored: SURFACE TENSION

Upper Permit Limit: 45 dynes per centimeter

Reference Test Method: EPA method 306B, Appendix A

Monitoring Frequency: CONTINUOUS

Averaging Method: MAXIMUM - NOT TO EXCEED STATED VALUE -
SEE MONITORING DESCRIPTION

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

Condition 3: Compliance Demonstration
Effective between the dates of 03/23/2006 and Permit Expiration Date

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Applicable Federal Requirement: 40CFR 63.343(b)(2), Subpart N

Item 3.1:

The Compliance Demonstration activity will be performed for:

Emission Unit: A-00005

Regulated Contaminant(s):

CAS No: 007440-47-3 CHROMIUM

Item 3.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

An initial compliance test is required. The compliance test will be conducted in accordance with conditions stated in this permit under part 63.342 (d) (2), and 343 (c) (5) ii.

Parameter Monitored: SURFACE TENSION

Upper Permit Limit: 45 dynes per centimeter

Reference Test Method: EPA method 306B, Appendix A

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Averaging Method: MAXIMUM - NOT TO EXCEED STATED VALUE - SEE MONITORING DESCRIPTION

Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

Condition 5: Compliance Demonstration

Effective between the dates of 03/23/2006 and Permit Expiration Date

Applicable Federal Requirement: 40CFR 63.346(a), Subpart N

Item 5.1:

The Compliance Demonstration activity will be performed for:

Emission Unit: A-00005

Regulated Contaminant(s):

CAS No: 007440-47-3 CHROMIUM

Item 5.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

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Monitoring Description:

The owner or operator of each affected source subject to 40CFR 63 Subpart N shall fulfill all recordkeeping requirements outlined in section 63.346 and in the General Provisions to 40CFR 63 (40CFR63 Subpart A).

The records specific for Subpart N are listed as items numbered 1 through 16 under section 63.346(b).

Subpart A requirements are specified in Table 1 to Subpart N. They are listed as follows:

63.10(a)(3): If any State requires a report that contains all the information required in a report listed in Subpart A, an owner or operator may send the Administrator a copy of the report sent to the State to satisfy the requirements of Subpart A for that report.

63.10(a)(4)(ii): After a State has been delegated the authority to implement and enforce recordkeeping and reporting requirements established under this part, the owner or operator of an affected source in such State subject to such requirements shall submit reports to the delegated State authority (which may be the same as the permitting authority). In addition, if the delegated (permitting) authority is the State, the owner or operator shall send a copy of each report submitted to the State to the appropriate Regional Office of the EPA, as specified in paragraph (a)(4)(i) of section 63.10. The Regional Office may waive this requirement for any reports at its discretion.

63.10(a)(5): If an owner or operator of an affected source in a State with delegated authority is required to submit periodic reports under Part 63 to the State, and if the State has an established timeline for the submission of periodic reports that is consistent with the reporting frequency(ies) specified for such source under Part 63, the owner or operator may change the dates by which periodic reports under Part 63 shall be submitted (without changing the frequency of reporting) to be consistent with the State's schedule by mutual agreement between the owner or operator and the State. For each relevant standard established pursuant to section 112 of the Act, the allowance in the previous sentence applies in each State beginning 1 year after the affected source's compliance

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date for that standard. Procedures governing the implementation of this provision are specified in §63.9(i).

63.10(a)(6): If an owner or operator supervises one or more stationary sources affected by more than one standard established pursuant to section 112 of the Act, he/she may arrange by mutual agreement between the owner or operator and the Administrator (or the State permitting authority) a common schedule on which periodic reports required for each source shall be submitted throughout the year. The allowance in the previous sentence applies in each State beginning 1 year after the latest compliance date for any relevant standard established pursuant to section 112 of the Act for any such affected source(s). Procedures governing the implementation of this provision are specified in §63.9(i).

63.10(a)(7): If an owner or operator supervises one or more stationary sources affected by standards established pursuant to section 112 of the Act (as amended November 15, 1990) and standards set under part 60, part 61, or both such parts of this chapter, he/she may arrange by mutual agreement between the owner or operator and the Administrator (or the State permitting authority) a common schedule on which periodic reports required by each relevant (i.e., applicable) standard shall be submitted throughout the year. The allowance in the previous sentence applies in each State beginning 1 year after the stationary source is required to be in compliance with the relevant section 112 standard, or 1 year after the stationary source is required to be in compliance with the applicable part 60 or part 61 standard, whichever is latest. Procedures governing the implementation of this provision are specified in §63.9(i).

63.10(b): The owner or operator of an affected source subject to the provisions of Part 63 shall maintain files of all information (including all reports and notifications) required by Part 63 recorded in a form suitable and readily available for expeditious inspection and review. The files shall be retained for at least 5 years following the date of each occurrence, measurement, maintenance, corrective action, report, or record. At a minimum, the most recent 2 years of data shall be retained on site. The remaining 3 years of data may be retained off site. Such files may be maintained on microfilm, on a



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computer, on computer floppy disks, on magnetic tape disks, or on microfiche.

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

Condition 6: Compliance Demonstration
Effective between the dates of 03/23/2006 and Permit Expiration Date

Applicable Federal Requirement: 40CFR 63.346(b), Subpart N

Item 6.1:

The Compliance Demonstration activity will be performed for:

Emission Unit: A-00005

Regulated Contaminant(s):

CAS No: 007440-47-3 CHROMIUM

Item 6.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The owner or operator of an affected source subject to the provisions of 40CFR 63 Subpart N shall maintain the following records for such source:

- (1) Inspection records for the add-on air pollution control device, if such a device is used, and monitoring equipment, to document that the inspection and maintenance required by the work practice standards of §63.342(f) and Table 1 of §63.342 have taken place. The record can take the form of a checklist and should identify the device inspected, the date of inspection, a brief description of the working condition of the device during the inspection, and any actions taken to correct deficiencies found during the inspection.
- (2) Records of all maintenance performed on the affected source, the add-on air pollution control device, and monitoring equipment;
- (3) Records of the occurrence, duration, and cause (if known) of each malfunction of process, add-on air pollution control, and monitoring equipment;
- (4) Records of actions taken during periods of malfunction when such actions are inconsistent with the operation and maintenance plan;
- (5) Other records, which may take the form of checklists, necessary to demonstrate consistency with the provisions

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- of the operation and maintenance plan required by §63.342(f)(3);
- (6) Test reports documenting results of all performance tests;
 - (7) All measurements as may be necessary to determine the conditions of performance tests, including measurements necessary to determine compliance with the special compliance procedures of §63.344(e);
 - (8) Records of monitoring data required by §63.343(c) that are used to demonstrate compliance with the standard including the date and time the data are collected;
 - (9) The specific identification (i.e., the date and time of commencement and completion) of each period of excess emissions, as indicated by monitoring data, that occurs during malfunction of the process, add-on air pollution control, or monitoring equipment;
 - (10) The specific identification (i.e., the date and time of commencement and completion) of each period of excess emissions, as indicated by monitoring data, that occurs during periods other than malfunction of the process, add-on air pollution control, or monitoring equipment;
 - (11) The total process operating time of the affected source during the reporting period;
 - (12) Records of the actual cumulative rectifier capacity of hard chromium electroplating tanks at a facility expended during each month of the reporting period, and the total capacity expended to date for a reporting period, if the owner or operator is using the actual cumulative rectifier capacity to determine facility size in accordance with §63.342(c)(2);
 - (13) For sources using fume suppressants to comply with the standards, records of the date and time that fume suppressants are added to the electroplating or anodizing bath;
 - (14) For sources complying with §63.342(e), records of the bath components purchased, with the wetting agent clearly identified as a bath constituent contained in one of the components;
 - (15) Any information demonstrating whether a source is meeting the requirements for a waiver of recordkeeping or reporting requirements, if the source has been granted a waiver under §63.10(f); and
 - (16) All documentation supporting the notifications and reports required by §63.9, §63.10, and §63.347.

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

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Condition 8: Decorative chromium electroplating operations
Effective between the dates of 03/23/2006 and Permit Expiration Date

Applicable Federal Requirement: 40CFR 63.340(e), Subpart N

Item 8.1:

This Condition applies to Emission Unit: A-00005
Process: 05P

Item 8.2:" This part applies to any decorative chromium electroplating operations that are using trivalent chromium bath and that incorporate a wetting agent as a bath ingredient.

Condition 9: Compliance Demonstration
Effective between the dates of 03/23/2006 and Permit Expiration Date

Applicable Federal Requirement: 40CFR 63.342(d)(2), Subpart N

Item 9.1:

The Compliance Demonstration activity will be performed for:

Emission Unit: A-00005
Process: 05P

Regulated Contaminant(s):
CAS No: 007440-47-3 CHROMIUM

Item 9.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: MONITORING OF PROCESS OR CONTROL
DEVICE PARAMETERS AS SURROGATE

Monitoring Description:

When a chemical fume suppressant containing a wetting agent is used, the permittee shall control chromium emissions to the atmosphere by not allowing the surface tension of the electroplating or anodizing bath contained within the affected source to exceed 45 dynes per centimeter at any time during operation of the tank.

Compliance shall be determined according to the methods and schedule in 40 CFR §63.343(c)(5)(ii). The schedule provides for measuring the surface tension up to once every four hours of operation during the first 40 hours of tank operation after the compliance date. Once there are no exceedances during 40 hours of tank operation, surface



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tension measurement may be conducted once every 8 hours of tank operation. Then once there are no exceedances during 40 hours of tank operation, surface tension measurement may be conducted once every 40 hours of tank operation. The minimum frequency of monitoring allowed is once every 40 hours of tank operation.

Once an exceedance occurs, the original monitoring schedule of once every 4 hours must be resumed.

Once a bath solution is drained from the affected tank and a new solution added, the original monitoring schedule of once every 4 hours must be resumed.

Manufacturer Name/Model Number:

Parameter Monitored: SURFACE TENSION

Upper Permit Limit: 45.0 dynes per centimeter

Reference Test Method: 40CFR63 Method 306B

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Averaging Method: AVERAGING METHOD AS PER REFERENCE TEST METHOD INDICATED

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 7/30/2006.

Subsequent reports are due every 6 calendar month(s).

Condition 7: Compliance Demonstration
Effective between the dates of 03/23/2006 and Permit Expiration Date

Applicable Federal Requirement: 40CFR 63.343(c)(5)(ii), Subpart N

Item 7.1:

The Compliance Demonstration activity will be performed for:

Emission Unit: A-00005

Process: 05P

Regulated Contaminant(s):

CAS No: 007440-47-3 CHROMIUM

Item 7.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: MONITORING OF PROCESS OR CONTROL DEVICE PARAMETERS AS SURROGATE

Monitoring Description:

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Continuous compliance is required. The owner or operator of this source shall monitor the surface tension of the electroplating bath. Any exceedances of the stated limit will constitute noncompliance with the standards. The surface tension shall be monitored according to the following schedule:

A). The surface tension shall be measured once every 4 hours during operation of the tank with a stalagmometer of a tensionmeter as specified in Method 306B, appendix A of 40CFR 63 N.

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 the 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 maybe conducted every 40 hours of tank operation on an on going 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 paragraphs (A) and (B) above.

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

Manufacturer Name/Model Number: TBD

Parameter Monitored: SURFACE TENSION

Upper Permit Limit: 45 dynes per centimeter

Reference Test Method: EPA - Method 306B - Appendix A

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Averaging Method: MAXIMUM - NOT TO EXCEED STATED VALUE - SEE MONITORING DESCRIPTION

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

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Condition 10: Compliance Demonstration

Effective between the dates of 03/23/2006 and Permit Expiration Date

Applicable Federal Requirement: 6NYCRR 228.1(e)

Item 10.1:

The Compliance Demonstration activity will be performed for:

Emission Unit: A-00006

Regulated Contaminant(s):

CAS No: 0NY998-00-0 VOC

Item 10.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: MONITORING OF PROCESS OR CONTROL
DEVICE PARAMETERS AS SURROGATE

Monitoring Description:

The quantity of coating products used in the spray painting operation shall not exceed the limit stated below. The facility is required to maintain records of the quantities of coatings used in accordance with the recordkeeping requirements of this part and part 202. Records shall be made available to NYSDEC upon request.

Parameter Monitored: COATING

Upper Permit Limit: 55 gallons per year

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING
DESCRIPTION

Averaging Method: MAXIMUM - NOT TO EXCEED STATED VALUE -
SEE MONITORING DESCRIPTION

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY



STATE ONLY ENFORCEABLE CONDITIONS

****** Facility Level ******

NOTIFICATION OF GENERAL PERMITTEE OBLIGATIONS

This section contains terms and conditions which are not federally enforceable. Permittees may also have other obligations under regulations of general applicability

Item A: Public Access to Recordkeeping for Facilities With State Facility Permits - 6NYCRR Part 201-1.10(a)

Where emission source owners and/or operators keep records pursuant to compliance with the operational flexibility requirements of 6 NYCRR Subpart 201-5.4(b)(1) , and/or the emission capping requirements of 6 NYCRR Subparts 201-7.2(d), 201-7.3(f), 201-7.3(g), 201-7.3(h)(5), 201-7.3(i) and 201-7.3(j), the Department will make such records available to the public upon request in accordance with 6 NYCRR Part 616 - Public Access to Records. Emission source owners and/or operators must submit the records required to comply with the request within sixty working days of written notification by the Department of receipt of the request.

Item B: General Provisions for State Enforceable Permit Terms and Condition - 6 NYCRR Part 201-5

Any person who owns and/or operates stationary sources shall operate and maintain all emission units and any required emission control devices in compliance with all applicable Parts of this Chapter and existing laws, and shall operate the facility in accordance with all criteria, emission limits, terms, conditions, and standards in this permit. Failure of such person to properly operate and maintain the effectiveness of such emission units and emission control devices may be sufficient reason for the Department to revoke or deny a permit.

The owner or operator of the permitted facility must maintain all required records on-site for a period of five years and make them available to representatives of the Department upon request. Department representatives must be granted access to any facility regulated by this Subpart, during normal operating hours, for the purpose of determining compliance with this and any other state and federal air pollution control requirements, regulations or

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law.

STATE ONLY APPLICABLE REQUIREMENTS

The following conditions are state only enforceable.

Condition 11: Contaminant List

Effective between the dates of 03/23/2006 and Permit Expiration Date

Applicable State Requirement: ECL 19-0301

Item 11.1:

Emissions of the following contaminants are subject to contaminant specific requirements in this permit(emission limits, control requirements or compliance monitoring conditions).

CAS No: 007440-47-3

Name: CHROMIUM

CAS No: 016065-83-1

Name: CHROMIUM (III)

CAS No: 0NY998-00-0

Name: VOC

Condition 12: Unavoidable noncompliance and violations

Effective between the dates of 03/23/2006 and Permit Expiration Date

Applicable State Requirement: 6NYCRR 201-1.4

Item 12.1:

At the discretion of the commissioner a violation of any applicable emission standard for necessary scheduled equipment maintenance, start-up/shutdown conditions and malfunctions or upsets may be excused if such violations are unavoidable. The following actions and recordkeeping and reporting requirements must be adhered to in such circumstances.

- (a) The facility owner and/or operator shall compile and maintain records of all equipment maintenance or start-up/shutdown activities when they can be expected to result in an exceedance of any applicable emission standard, and shall submit a report of such activities to the commissioner's representative when requested to do so in writing or when so required by a condition of a permit issued for the corresponding air contamination source except where conditions elsewhere in this permit which contain more stringent reporting and notification provisions for an applicable requirement, in which case they supercede those stated here. Such reports shall describe why the violation was unavoidable and shall include the time, frequency and duration of the maintenance and/or start-up/shutdown activities and the identification of air contaminants, and the estimated emission rates. If a facility owner and/or operator is subject to continuous stack monitoring and quarterly reporting requirements, he need not submit reports for equipment maintenance or start-up/shutdown for the facility to the commissioner's representative.



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(b) In the event that emissions of air contaminants in excess of any emission standard in 6 NYCRR Chapter III Subchapter A occur due to a malfunction, the facility owner and/or operator shall report such malfunction by telephone to the commissioner's representative as soon as possible during normal working hours, but in any event not later than two working days after becoming aware that the malfunction occurred. Within 30 days thereafter, when requested in writing by the commissioner's representative, the facility owner and/or operator shall submit a written report to the commissioner's representative describing the malfunction, the corrective action taken, identification of air contaminants, and an estimate of the emission rates. These reporting requirements are superseded by conditions elsewhere in this permit which contain reporting and notification provisions for applicable requirements more stringent than those above.

(c) The Department may also require the owner and/or operator to include in reports described under (a) and (b) above an estimate of the maximum ground level concentration of each air contaminant emitted and the effect of such emissions depending on the deviation of the malfunction and the air contaminants emitted.

(d) In the event of maintenance, start-up/shutdown or malfunction conditions which result in emissions exceeding any applicable emission standard, the facility owner and/or operator shall take appropriate action to prevent emissions which will result in contravention of any applicable ambient air quality standard. Reasonably available control technology, as determined by the commissioner, shall be applied during any maintenance, start-up/shutdown or malfunction condition subject to this paragraph.

(e) In order to have a violation of a federal regulation (such as a new source performance standard or national emissions standard for hazardous air pollutants) excused, the specific federal regulation must provide for an affirmative defense during start-up, shutdowns, malfunctions or upsets.

Condition 13: Emission Unit Definition
Effective between the dates of 03/23/2006 and Permit Expiration Date

Applicable State Requirement: 6NYCRR 201-5

Item 13.1:

The facility is authorized to perform regulated processes under this permit for:

Emission Unit: A-00001

Emission Unit Description:

This emission unit consists of the stripping operation which is the first step of an electroplating operation. At this point architectural items are being stripped out of their original plating. The stripping is achieved with the aid of the charge reversal method. After this step, the items need to be cleaned and then plated. Emissions generated from this unit are insignificant.

Building(s): 1

Item 13.2:



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The facility is authorized to perform regulated processes under this permit for:

Emission Unit: A-00002

Emission Unit Description:

This emission unit consists of the cleaning and rinsing sources that operate prior to electroplating. The unit includes three sources:

- 1) an all purpose electrocleaner process consisting of an ultrasonic cleaner (buffing compound remover),
- 2) the rinsing process using water and
- 3) the acid etching bath.

The above processes utilize an all purpose electrocleaner named "LUSTER-ON" which contains no VOC's. No other solvents will be used in the cleaning process. Liquid wastes associated with this unit will be handled by an outside licensed contractor.

Building(s): 1

Item 13.3:

The facility is authorized to perform regulated processes under this permit for:

Emission Unit: A-00003

Emission Unit Description:

This emission unit comprises the copper plating operation along with the copper rinsing process. Emissions associated with this unit are not regulated at this time.

Liquid wastes associated with this unit will be handled by an outside licensed contractor.

Building(s): 1

Item 13.4:

The facility is authorized to perform regulated processes under this permit for:

Emission Unit: A-00004

Emission Unit Description:

This emission unit comprises the nickel plating operation along with the nickel rinsing process. Emissions from this unit are not regulated at this time. Liquid wastes associated with this unit will be handled by an outside licensed contractor.

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Building(s): 1

Item 13.5:

The facility is authorized to perform regulated processes under this permit for:

Emission Unit: A-00005

Emission Unit Description:

This emission unit comprises the chromium electroplating operation consisting of the trivalent chromium bath, an open surface hard chromium electroplating tank, where a wetting agent will be used to control emissions. Following the trivalent chromium tank the chromium rinsing process takes place. Emissions associated with this unit are particulates of chromium. Liquid wastes associated with this unit will be handled by an outside licensed contractor.

Building(s): 1

Item 13.6:

The facility is authorized to perform regulated processes under this permit for:

Emission Unit: A-00006

Emission Unit Description:

This emission unit comprises all sources associated with the spray painting operation. Emissions associated with this unit include particulates and VOC's. This unit is exempt from part 228 as it indents to limit the use of paint to 55 gallons per year. Liquid wastes associated with this unit will be handled by an outside licensed contractor. Appropriate records shall be maintained and be available to NYSDEC upon request.

Building(s): 1

Condition 14: Air pollution prohibited

Effective between the dates of 03/23/2006 and Permit Expiration Date

Applicable State Requirement: 6NYCRR 211.2

Item 14.1:

No person shall cause or allow emissions of air contaminants to the outdoor atmosphere of such quantity, characteristic or duration which are injurious to human, plant or animal life or to property, or which unreasonably interfere with the comfortable enjoyment of life or property. Notwithstanding the existence



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of specific air quality standards or emission limits, this prohibition applies, but is not limited to, any particulate, fume, gas, mist, odor, smoke, vapor, pollen, toxic or deleterious emission, either alone or in combination with others.

****** Emission Unit Level ******

Condition 15: Process Definition By Emission Unit
Effective between the dates of 03/23/2006 and Permit Expiration Date

Applicable State Requirement: 6NYCRR 201-5

Item 15.1:

This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: A-00001

Process: 01S

Source Classification Code: 6-82-410-98

Process Description:

In this process decorative metal parts will be stripped from their previous coatings. Stripping will take place via reverse charge. No chemical process will be employed. This process is not regulated at this time.

Emission Source/Control: STRIP - Process

Item 15.2:

This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: A-00002

Process: 02R

Source Classification Code: 4-02-025-02

Process Description:

This process comprise the pretreatment of small decorative metal parts prior to them being plated. This process uses LUSTER-ON, an all purpose electrocleaner, ultrasonic rinse and acid etching bath.

Emission Source/Control: RINS2 - Process

Item 15.3:

This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: A-00003

Process: 03P

Source Classification Code: 3-09-010-42

Process Description:

This process comprise the electroplating of small decorative metal parts through immersion in an acid copper



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bath tank. This process is not regulated at this time.

Emission Source/Control: COPPR - Process

Item 15.4:

This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: A-00003

Process: 03R

Source Classification Code: 3-09-010-04

Process Description:

This process comprises the rinsing of small metal parts after they are removed from the acid copper bath tank.

This process is not regulated at this time.

Emission Source/Control: RINS3 - Process

Item 15.5:

This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: A-00004

Process: 04P

Source Classification Code: 3-09-010-03

Process Description:

This process comprise the electroplating of small decorative metal parts through immersion in a bright nickel bath tank. This process is not regulated at this time.

Emission Source/Control: NICKL - Process

Item 15.6:

This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: A-00004

Process: 04R

Source Classification Code: 3-09-010-03

Process Description:

This process comprises the rinsing of small metal parts after they are removed from the bright nickel bath tank.

This process is not regulated at this time.

Emission Source/Control: RINS4 - Process

Item 15.7:

This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: A-00005

Process: 05P

Source Classification Code: 3-09-010-06

Process Description:



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This process comprises chrome decorative plating which takes place in a trivalent chromium tank. The process is regulated by federal and state regulations.

Emission Source/Control: WETTA - Control
Control Type: WETTING AGENT - CHEMICAL FUME
SUPPRESSANT

Emission Source/Control: CHROM - Process

Item 15.8:

This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: A-00005
Process: 05R
Source Classification Code: 3-09-010-06
Process Description:
This process comprises the rinsing of decorative metal parts after they are removed from the trivalent chromium bath. This process is not regulated at this time.

Emission Source/Control: RINS5 - Process

Item 15.9:

This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: A-00006
Process: 006
Source Classification Code: 4-02-025-11
Process Description:
This process comprises the spray painting operation. This process will employ a chemical under the name "Agateen 8A RFU Lacquer" which is regulated under 6NYCRR part 228 and Part 201. Yet, the use of this chemical is capped to under 55 gallons per year which qualifies the process to be exempt from the above regulations. The emissions associated with this process include:
a) 2-pentanone, 4-methyl at 10%, b) ethanol, 2-butoxy at 5%, c) toluol at 45%. The total VOC emissions generated from this operation are estimated to be 240 lbs per year and are based on an 24oz/day, 4hr/day, 200 days/year operation.

Emission Source/Control: SPRAY - Process