##### June 9, 2015

Neal Mohlmann, Chief

Office of Environment and Safety

Bureau of Engraving and Printing

U.S. Department of the Treasury

14th and C Streets, SW

Washington, D.C. 20228

**RE: Permit No. 6378 to Operate a Hard Chromium Electroplating Line for Intaglio Printing Plate Manufacture**

Dear Mr. Mohlmann:

Pursuant to sections 200.1 and 200.2 of Title 20 of the District of Columbia Municipal Regulations (20 DCMR), a permit from the District Department of the Environment (the Department) shall be obtained before any person can construct and operate a new stationary source in the District of Columbia. The Department has received the application of the United States Department of the Treasury, Bureau of Engraving and Printing (“the Permittee”) for a permit to operate a D200M chrome plating line for Intaglio printing plate manufacturing in Room D200M at the Permittee’s main building at 14th and C Streets SW, Washington DC. This application includes a request to modify the requirements of the original installation permit (#5839), issued on July 31, 2006, to include revised emission limits based on the results of the compliance tests that were conducted at BEP on March 3 and 4, 2010).

The equipment covered by the application includes three chromium plating baths and rectifiers, three wash sinks, two working and mounting tables and three de-chroming and de-greasing tanks. Each chromium plating bath has one packed bed scrubber (PWS1500) mounted on it. The three scrubber ducts lead into the shared composite mesh pad scrubber (CMP6900). The three de-chrome/de-grease tanks are also tied in to the composite mesh pad scrubber (6900 CMP). Each of the three rectifiers can operate either a plating tank or a dechrome/degreasing tank, but not both simultaneously.

This permit application, the original of which was dated April 29, 2010, with a revised submission dated June 18, 2014, is hereby approved, per the submitted data, plans, and specifications, subject to the following conditions:

I. General Requirements:

a. The chromium plating line shall be operated in compliance with applicable air pollution control requirements of 20 DCMR and 40 CFR 63 Subpart N.

b. This permit expires on June 8, 2020 [20DCMR 200.4]. If continued operation after this date is desired, the owner or operator shall submit an application for renewal by February 8, 2020.

c. Operation of equipment under the authority of this permit shall be considered acceptance of its terms and conditions.

d. The Permittee shall allow authorized officials of the District, upon presentation of identification, to:

1. Enter upon the Permittee’s premises where a source or emission unit is located, an emissions related activity is conducted, or where records required by these permits are kept;

2. Have access to and copy, at reasonable times, any records that must be kept under the terms and conditions of this permit;

3. Inspect, at reasonable times, any facilities, equipment (including monitoring and air pollution control equipment), practices, or operations regulated or required under these permits; and

4. Sample or monitor, at reasonable times, any substance or parameter for the purpose of assuring compliance with this permit or any applicable requirement.

f. This permit shall be kept on the premises and produced upon request.

g. Failure to comply with the provisions of this permit may be grounds for suspension or revocation.[20 DCMR 202.2]

h. If not already completed, within 90 days of issuance of this permit to operate, the Permittee shall submit a complete application revision to modify the facility’s Title V operating permit to include the requirements of this permit. [20 DCMR 301.1(a)(3)]

II. Emission Limitations:

a. Because the facility is considered an existing small, hard chromium electroplating facility under the conditions of this permit, during tank operation, the Permittee shall control chromium emissions discharged to the atmosphere from the open surface hard chromium electroplating tanks by not allowing the concentration of total chromium in the exhaust gas stream discharged to the atmosphere to exceed 0.015 mg/dscm (6.6x10-6 gr/dscf). [40 CFR 63.342(c)(1)(ii)]

b. The maximum chromium emissions from the operation of the chrome plating line shall not exceed 0.00020 lb/hr and 0.00087 ton/yr. [40 CFR 63.344(e)(3)] *Note that this is the site specific “allowable mass emission rate of the system” (AMRsys) determined by the method specified in 40 CFR 63.344(e)(3) expressed in English (also known as American Engineering System) units.*

c. The maximum sulfuric acid emissions from the operation of the chrome/plating line shall not exceed 0.0019 lb/hr and 0.0083 ton/yr. [20 DCMR 201]

d. Visible emissions shall not exceed zero percent opacity from the chrome plating line for the manufacture of intaglio printing plates. [20 DCMR 201 and 20 DCMR 606]

e. An emission into the atmosphere of odorous or other air pollutants from any source in any quantity and of any characteristic, and duration which is, or is likely to be injurious to the public health or welfare, or which interferes with the reasonable enjoyment of life or property is prohibited . [20 DCMR 903]

III. Operational Limitations:

1. The chrome plating lines shall not use more than the following amounts of the listed raw materials during any one calendar year of operations:[20 DCMR 201]

1. Chromium Trioxide: 2,500 lbs/yr; and

2. Sulfuric acid: 5,000 ml/yr

b. The Permittee shall establish and maintain its status as a small hard chromium electroplating facility by limiting operations to ensure that the cumulative rectifier capacity, on a 12-month rolling basis, does not equal or exceed 60 million amp-hours per 12-month rolling basis. [40 CFR 63.342(c)(3)(i)]

c. The chrome plating line shall not exceed a plate production rate of 1 plate/bath/hour and 8,760 chrome plates/bath per calendar year. [20 DCMR 201]

d. The differential pressure across the three stages of the composite mesh pad system (in aggregate) shall be maintained between 8 and 40 mmH2O and shall be monitored at least once each day. [40 CFR 63.343(c)(1)(i) and 40 CFR 63.343(c)(3)]

e. The following operation and maintenance practices and standards are applicable to the facility: [40 CFR 63.342(f)(1)and (2)]

1. Operation and maintenance practices:

i. At all times, including periods of startup, shutdown, and malfunction, the Permittee shall operate and maintain any affected source, including associated air pollution control devices and monitoring equipment, in a manner consistent with good air pollution control practices;

ii. Malfunctions shall be corrected as soon as practicable after their occurrence;

iii. Operation and maintenance requirements established pursuant to section 112 of the federal Clean Air Act are enforceable independent of emissions or other requirements in relevant standards.

2. Determination of whether acceptable operation and maintenance procedures are being used will be based on information available to the Department and the Administrator of the U.S. Environmental Protection Agency (EPA), which may include, but is not limited to, monitoring results; review of the operation and maintenance plan, procedures, and records; and inspection of the source;

3. Based on the results of a determination made under Condition III(e)(2) of this permit, the Director or the Administrator of EPA may require that the Permittee make changes to the operation and maintenance plan required by Condition III(f). Revisions may be required if the Director or the Administrator of EPA finds that the plan:

i. Does not address a malfunction that has occurred;

ii. Fails to provide for the proper operation of the affected source, the air pollution control techniques, or the control system and process monitoring equipment during a malfunction in a manner consistent with good air pollution control practices; or

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

f. Operation and maintenance plan: [40 CFR Part 63.342(f)(3), 40 CFR 63.343(a)(8), and 20 DCMR 500.1]

1. The Permittee shall maintain and implement an operation and maintenance plan at the site. The plan shall be incorporated by reference into the Permittee’s Title V permit. The plan shall include the following elements:

i. The plan shall specify the operation and maintenance criteria for the affected source, the add-on air pollution control device [including the composite mesh-pad (CMP) and the packed-bed scrubber (PBS) systems], and the process and control system monitoring equipment, and shall include a standardized checklist to document the operation and maintenance of this equipment;

ii. For sources using an add-on control device or monitoring equipment to comply with 40 CFR part 63 subpart N, the plan shall incorporate the operation and maintenance practices for that device or monitoring equipment, as follows (for a combined PBS/CMP system):

A. Visually inspect the device to ensure that there is proper drainage, no chronic acid buildup on the pads, and no evidence of chemical attack on the structural integrity of the device at least once per calendar quarter;

B. Visually inspect the back portion of the mesh pad closest to the fan to ensure that there is no breakthrough of chromic acid mist at least once per quarter;

C. Visually inspect the ductwork from the tank to the control device to ensure that there are no leaks at least once per quarter; and

D. Perform a washdown of the composite mesh pads in accordance with the manufacturer’s recommendations as recommended by the manufacturer.

iii. The plan shall specify procedures to be followed to ensure that equipment or process malfunctions due to poor maintenance or other preventable conditions do not occur;

iv. The plan shall include a systematic procedure for identifying malfunctions of process equipment, add-on air pollution control devices, and process and control system monitoring equipment and for implementing corrective actions to address such malfunctions;

vi. The plan shall include housekeeping procedures, as specified in the following table:

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| --- | --- | --- |
| **For:** | **The Permittee must:** | **At this minimum frequency:** |
| 1. Any substance used in an affected chromium electroplating or chromium anodizing tank that contains hexavalent chromium. | (a) Store the substance in a closed container in an enclosed storage area or building; and | At all times except when transferring the substance to and from the container. |
| (b) Use a closed container when transporting the substance from the enclosed storage area. | Whenever transporting substance, except when transferring the substance to and from the container. |
| 2. Each affected tank, to minimize spills of bath solution that result from dragout. Note: This measure does not require the return of the contaminated bath solution to the tank. This requirement applies only as the parts are removed from the tank. Once away from the tank area, any spilled solution must be handled in accordance with Item 4 of these housekeeping measures. | (a) Install drip trays that collect and return to the tank any bath solution that drips or drains from parts as the parts are removed from the tank; or | Prior to operating the tank. |
| (b) Contain and return to the tank any bath solution that drains or drips from the parts as the parts are removed from the tank; or | Whenever removing parts from an affected tank. |
| (c) Collect and treat in an onsite wastewater treatment plant any bath solution that drains or drips from parts as the parts are removed from the tank. | Whenever removing parts from an affected tank. |
| 3. Each spraying operation for removing excess chromic acid from parts removed from, and occurring over, an affected tank. | Install a splash guard to minimize overspray during spraying operations and to ensure that any excess hexavalent chromium laden liquid captured by the splash guard is returned to the affected chromium electroplating or anodizing tank. | Prior to any such spraying operation. |
| 4. Each operation that involves the handling or use of any substance used in an affected chromium electroplating or chromium anodizing thank that contains hexavalent chromium. | Begin clean up, or otherwise contain, all spills of the substance. Note: substances that fall or flow into drop trays, pans, sumps, or other containment areas are not considered spills. | Within 1 hour of the spill. |
| 5. Surfaces within the enclosed storage area, open floor area, walkways around affected tanks contaminated with hexavalent chromium from an affected chromium electroplating or chromium anodizing tank. | (a) Clean the surfaces using one or more of the following methods: HEPA vacuuming; Hand-wiping with a damp cloth; Wet mopping; Hose down or rinse with potable water that is collected in a wastewater collection system; Other cleaning method approved by the Department; OR | At least once every 7 days if one or more chromium electroplating or chromium anodizing tanks were used, or at least after every 40 hours of operating time of one or more affected chromium electroplating tanks, whichever is later. |
| (b) apply a non-toxic chemical dust suppressant to the surfaces. | According to manufacturer’s recommendations. |
| 6. All buffing, grinding, or polishing operations that are located in the same room as chromium electroplating or chromium anodizing operations. | Separate the operation from any affected electroplating or anodizing operation by installing a physical barrier; the barrier may take the form of plastic strip curtains. | Prior to beginning the buffing, grinding, or polishing operation. |
| 7. All chromium or chromium-containing wastes generated from housekeeping activities. | Store, dispose, recover, or recycle the wastes using practices that do not lead to fugitive dust and in accordance with hazardous waste requirements. | At all times. |

2. If the operation and maintenance plan fails to address or inadequately addresses an event that meets the characteristics of a malfunction at the time the plan is initially developed, BEP shall revise the operation and maintenance plan within 45 days after such an event occurs. The revised plan shall include procedures for operating and maintaining the process equipment, add-on air pollution control device, or monitoring equipment during similar malfunction events, and a program for corrective action for such events.

3. Recordkeeping associated with the operation and maintenance plan is identified in Condition V of this permit [40 CFR 63.346]. Reporting associated with the operation and maintenance plan is identified in Condition VI of this permit [40 CFR 63.347 (g) and (h)].

4. If actions taken by the Permittee during periods of malfunction are inconsistent with the procedures specified in the operation and maintenance plan required by Condition III(f)(1) of this permit, the Permittee shall record the actions taken for that event and shall report by phone to the Department and EPA such actions within 2 working days after commencing actions inconsistent with the plan. This report shall be followed by a letter within 7 working days after the end of the event, unless the owner or operator makes alternative reporting arrangements, in advance, with the Administrator of EPA. Such letters shall be sent to EPA with copies sent to the Department.

5. The Permittee shall keep the written operation and maintenance plan on record after it is developed to be made available for inspection, upon request, by the Department or EPA for the life of the affected source or until the source is no longer subject to the provisions of 40 CFR part 63 subpart N. In addition, if the operation and maintenance plan is revised, the Permittee shall keep previous (i.e., superseded) versions of the operation and maintenance plan on record to be made available for inspection, upon request, by the Department or EPA for a period of 5 years after each revision to the plan.

6. To satisfy the requirements of Condition III(f) of this permit, the Permittee may use applicable standard operating procedure (SOP) manuals, Occupational Safety and Health Administration (OSHA) plans, or other existing plans, provided the alternative plans meet the requirements of Condition III(f).

g. The standards in this permit that apply to chromic acid baths shall not be met by using a reducing agent to change the form of chromium from hexavalent to trivalent. [40 CFR 63.342(g)]

h. At all times, the Permittee must operate and maintain any affected source (covered by 40 CFR 63, Subpart N), including associated air pollution control equipment and monitoring equipment, in a manner consistent with safety and good air pollution control practices for minimizing emissions. [40 CFR 63.342(a) and 20 DCMR 201]

IV. Monitoring, Testing, and Compliance Demonstration Requirements:

a. The Permittee shall install (if not already installed) and maintain a non-resettable amp-hr meter on each of the rectifiers and monitor at least monthly to ensure that the 12-month rolling actual rectifier capacity is less than 60 million amp-hours. [40 CFR 63.342(c)(3)(i)(B)]

b. The Permittee shall perform EPA reference methods 8 (40 CFR 60, Appendix A) and 306 or 306A (40 CFR 63, Appendix A) to determine compliance with Condition II(a), (b) and (c) within one year from the initial issuance date of this permit and shall follow the procedures below and furnish the Department with a written report of the results of such performance tests in accordance with the following requirements [20 DCMR 502 and 40 CFR 63.344(a), (b),(c) and (d)]

1. A test protocol shall be submitted to the following address a minimum of thirty (30) days in advance of the proposed test date. The test shall be conducted in accordance with Federal and District requirements.

Chief, Compliance and Enforcement Branch

Air Quality Division

1200 First Street, NE

5th Floor

Washington, DC 20002

2. The test protocol shall be approved by the Department prior to initiating any testing. Upon approval of the test protocol, the Company shall finalize the test date with the assigned inspector in the Permitting and Enforcement Branch. The Department must have the opportunity to observe the test for the results to be considered for acceptance.

3. The final results of the testing shall be submitted to the Department within sixty (60) days of the test completion. A copy of the test report shall be submitted to the address in Condition IV(a)(1).

4. The final report of the results shall include the emissions test report (including raw data from the test) as well as a summary of the test results and a statement of compliance or non-compliance with permit conditions to be considered valid. The summary of results and statement of compliance or non-compliance shall contain the following information:

i. A brief process description;

ii. Sampling location description(s);

iii. A description of sampling and analytical procedures and any modifications to standard procedures;

iv. A statement that the owner or operator has reviewed the report from the emissions testing firm and agrees with the findings.

v. Summary of results with respect to each permit condition.

vi. Statement of compliance or non-compliance with each permit condition.

5. The results must demonstrate to the Department’s satisfaction that the emission unit is operating in compliance with the applicable regulations and conditions of this permit; if the final report of the test results shows non-compliance the owner or operator shall propose corrective action(s). Failure to demonstrate compliance through the test may result in enforcement action.

c. In addition to the requirements of Condition IV(b), the Permittee shall document the test report as follow. [40 CFR 63 Subpart 63.344(a)]

1. A brief process description;

2. Sampling location description(s);

3. A description of sampling and analytical procedures and any modifications to standard procedures;

4. Test results;

5. Quality assurance procedures and results;

6. Records of operating conditions during test, preparation of standards, and calibration procedures;

7. Raw data sheets for field sampling and field and laboratory analysis;

8. Documentation of calculations; and

9. Any other information required by the test method.

d. The Permittee shall conduct the performance test as follows so that the test results can be used to demonstrate compliance: [40 CFR 63.344(b) and (c) and 20 DCMR 502]

1. The test methods and procedures identified in Condition IV(b) of this permit shall be used during the performance test;

2. The sampling time and sample volume for each run of Methods 306 and 306A, Appendix A of 40 CFR 63, shall be at least 120 minutes and 1.70 dscm (60 DSCF), respectively;

3. The performance test must be conducted under representative operating conditions for the source;

4. The performance test report must contain the elements required by Condition IV(c) of this permit; and

5. The Permittee shall obtain sufficient data from the performance test to confirm the operating value(s) that correspond to compliance with the standards, as required for continuous compliance monitoring under 40 CFR Part 63.343(c) and Condition III(d).

e. The Permittee shall derive the mass emission rate of the system and use the following procedures to determine compliance with the applicable emission limitations in Conditions II(a) and (b): [40 CFR 63.344(e)(3)]

1. Calculate the cross-sectional area of each inlet duct (i.e., uptakes from each hood) including those not affected by the standard (40 CFR 63, Subpart N);

2. Determine the total sample time per test run by dividing the total inlet area from all tanks connected to the control system by the total inlet area for all ducts associated with affected sources, and then multiply this number by 2 hours. The calculation time is the minimum sample time required per test run;

3. Perform Method 306 or 306A testing and calculate an outlet mass emission rate;

4. Determine the total ventilation rate from the affected source (VRinlet) by using the following equation:

VRtot × IDAi/ΣAItotal = VRinlet, Where

VRtot = is the average total ventilation rate in dscm/min for the three test runs as determine at the outlet by means of the Method 306 or 306A testing;

IDAi = is the total inlet area for all ducts associated with affected sources;

ΣAItotal = is the sum of all inlet duct area from both affected and non-affected sources;

VRinlet = is the total ventilation rate from all inlet ducts associated with affected sources.

5. Establish the allowable mass emission rate of the system (AMRsys) in milligrams of total chromium per hour (mg/hr) using the following equation:

ΣVRinlet × EL × 60 minutes/hour = AMRsys, Where

ΣVRinlet  = is the total ventilation rate in dscm/min from the affected sources;

EL = is the applicable emission limitation from Condition II(c) in mg/dscm;

6. The allowable mass emission rate (AMRsys) calculated from Condition IV(e)(5) must be equal to or more than the outlet three-run average mass emission rate determined from Method 306 or 306A testing in order for the source to be in compliance with the standard.

f. All monitoring equipment shall be installed such that representative measurements of emissions or process parameters from the affected source are obtained. For monitoring equipment purchased from a vendor, verification of the operational status of the monitoring equipment shall include execution of the manufacturer’s written specifications or recommendations for installation, operation, and calibration of the system. [40 CFR 63.344(d)(2) and (5)]

1. Specifications for differential pressure measurement devices used to measure pressure drop across a control system shall be in accordance with manufacturer’s accuracy specifications. [40 CFR 63.344(d)(2)(ii)]

2. The Permittee shall establish the pressure drop in accordance with the following guidelines: [40 CFR 63.344(d)(5)]

i. Pressure taps shall be installed on the front side of the first mesh pad and the back side of the last mesh pad within the control system.

ii. Pressure taps shall be sited at locations that are:

1. Free from pluggage as possible and away from any flow disturbances such as cyclonic demisters; and

2. Situated such that no air infiltration at the measurement site will occur that could bias the measurement.

iii. Pressure taps shall be constructed of either polyethylene, polybutylene, or other nonreactive materials.

iv. Nonreactive plastic tubing shall be used to connect the pressure taps to the device used to measure pressure drop.

v. Any of the following pressure gauges can be used to monitor pressure drop: a magnehelic gauge, and inclined manometer, or a “U” tube manometer.

vi. Prior to connecting any pressure lines to the pressure gauge(s), each gauge should be zeroed. No calibration of the pressure gauges is required.

V. Record Keeping Requirements:

The information specified below shall be maintained by the Permittee at the facility for a period not less than five (5) years from when they were originated and shall be made available to the Department upon written or verbal request: [20 DCMR 302.1(c)(2)(B), 40 CFR 63.346 and 20 DCMR 500.8]

a. Records of the monthly and 12-month rolling actual cumulative rectifier capacity, measured in amp-hours. The actual cumulative rectifier capacity for the previous 12-month rolling period shall be tabulated monthly by adding the capacity for the current month to the capacities for the previous 11 months;

b. Records of the amounts of chromium trioxide and sulfuric acid added to the equipment each month, and totaled for each calendar year of operations;

c. Records of the number of chrome plates produced each month, and totaled each calendar year;

d. Records of the results of daily pressure drop monitoring across the composite mesh pad scrubber, including the date and time the data are collected, as well as any actions taken to correct any deviations from the allowable pressure range specified in Condition III(d);

e. Inspection records for the add-on pollution control device and monitoring equipment to document that the inspection and maintenance required by the work practice standards of Conditions III(e), (f), and (g) are 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;

f. Records of all maintenance performed on the chrome plating line, the add-on air pollution control devices, and monitoring equipment, except routine housekeeping practices;

g. Records of the occurrence, duration, and cause of each malfunction of process, add-on air pollution control, and monitoring equipment;

h. Records of action taken during periods of malfunction to minimize emissions in accordance with Conditions III(e)(1) and III(h), including corrective actions to restore malfunctioning process and air pollution control and monitoring equipment to its normal or usual manner of operation;

i. Other records, which may take the form of checklist, necessary to demonstrate consistency with the provisions of operation and maintenance plan required by Conditions III(f);

j. Test reports documenting results of all performance tests, including all information required in the sections of this permit requiring such tests;

k. 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 Condition IV(e);

l. 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 pollution control, or monitoring equipment;

m. The total process operating time of the plating tanks each month, also kept on a 12 month rolling basis;

n. Records of any occurrences of visible emissions from the emission points of the plating line as well as any actions taken to correct the problem;

o. Records of any occurrences of exceedances of the requirements of Condition II(e) and any odor complaints received. The Permittee shall also keep records of the actions taken to correct any identified odor or nuisance pollutant exceedances; and

p. A copy of any Initial Notification and Notification of Compliance Status that the Permittee submitted and all documentation supporting those notifications.

VI. Notification and Reporting Requirements:

a. As a supplement to the annual and semi-annual compliance certification reports required by the facility’s Chapter 3 (Title V) permit, the Permittee shall submit a summary report (ongoing compliance status report) to the Administrator of the U.S. Environmental Protection Agency (EPA) and the Department to document the ongoing compliance status of the equipment covered by this permit. [40 CFR 63.347(h) and 20 DCMR 500.1]

b. The frequency of the submittal of this supplemental report may be increased by the EPA Administrator or the Department in accordance with 40 CFR 63.347(h)(2).

c. The frequency of ongoing compliance status reports may be reduced to semi-annual reports in accordance with the procedures set forth in 40 CFR 63.347(h)(3).

d. The ongoing compliance status reports shall contain the following information [40 CFR 63.347(h)(1) and (g)(3)]:

1. The company name and address of the affected source;

2. An identification of the operating parameter that is monitored for compliance determination as required by Condition III(d);

3. The relevant emission limitation for the affected source, and the operating parameter value or range of values that correspond to compliance with this emission limitation as specified in the notification of compliance status previously submitted to EPA and as revised by this permit;

4. The beginning and ending dates of the reporting period;

5. A description of the type of process performed in the affected source;

6. The total operating time of the affected source during the reporting period;

7. The actual cumulative rectifier capacity expended during the reporting period on a month-by-month basis;

8. A summary of operating parameter values, including the total duration of excess emissions during the reporting period as indicated by those values, the total duration of excess emissions expressed as a percent of the total source operating time during the reporting period, and a breakdown of the total duration of excess emissions during the reporting period into those that are due to process upsets, control equipment malfunctions, other known causes, and unknown causes;

9. A certification by a responsible official, as defined in 40 CFR 63.2, that the work practice standards specified in Conditions III(e) and (f) were followed in accordance with the operation and maintenance plan for the source;

10. If the operation and maintenance plan was not followed, an explanation of the reasons for not following the provisions, an assessment of whether any excess emission and/or parameter monitoring exceedances are believed to have occurred, and a copy of the report(s) required by Condition III(f)(4) documenting that the operation and maintenance plan was not followed;

11. A description of any changes in monitoring, processes, or controls since the last reporting period;

12. The number, duration, and a brief description for each type of malfunction which occurred during the reporting period and which caused or may have caused any applicable emission limitation to be exceeded. The report must also include a description of the actions taken by the Permittee during a malfunction of an affected source to minimize emissions in accordance with Condition III(h), including actions taken to correct a malfunction;

13. The name, title, and signature of the responsible official who is certifying the accuracy of the report; and

14. The date of the report.

e. Emissions in excess of any emission limits shall be reported by telephone, immediately upon discovery, to the Department’s Emergency Operations number at (202) 645-5665.

f. In addition to complying with Condition VI(a) through (e) and any other reporting requirements mandated by the 20 DCMR, the owner or operator shall, within thirty (30) calendar days of becoming aware of any occurrence of excess emissions, supply the Department in writing with the following information:

1. The name and location of the facility;

2. The subject source(s) that caused the excess emissions;

3. The time and date of the first observation of the excess emissions;

4. The cause and estimated/expected duration of excess emissions;

5. For sources subject to numerical emission limitations, the estimated rate of emissions (expressed in the units of the applicable emission limitation) and the operating data and calculations used in determining the magnitude of the excess emissions; and

6. The proposed corrective actions and schedule to correct the conditions causing the excess emission.

If you have any questions, please me at (202) 535-1747 or Abraham T. Hagos at (202) 535-1354.

Sincerely,

Stephen S. Ours, P.E.

Chief Permitting Branch

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