Title V Air Operation Permit Renewal
Permit No. 0250640-025-AV

APPLICANT

The applicant for this project is the AAR Landing Gear Services facility. The applicant's responsible official and mailing address are: Pastor Lopez, General Manager, AAR Landing Gear Services facility, 9371 NW 100 Street, Miami, FL 33178.

FACILITY DESCRIPTION

The applicant operates the AAR Landing Gear Services facility, which is located at 9371 NW 100 Street, and 9270 NW 100 Street, Miami, FL 33178.

This facility consists of the following emissions units:

EU No.	Brief Description
016	Vapor Degreasing Operations
002	Chromium Electroplating Operations
003	Painting/Cleaning Operations
004	Shot Peen & Blasting Operations
005	Natural Gas Fired Ovens, and Electric Oven
013	Emergency Generators

The AAR Landing Gear Services facility repairs and rebuilds aircraft landing gears, wheels, and brakes. Process operations consist of a halogenated solvent cleaning operation, a hard chromium plating operation, a painting/cleaning operation, shot peen and blasting operations and various operations involved in the aerospace manufacturing and rework industry.

Also included in this permit are miscellaneous unregulated/insignificant emissions units and/or activities.

PROJECT DESCRIPTION

The purpose of this permitting project is to renew the existing Title V Air Operation Permit for the above referenced facility.

PROCESSING SCHEDULE AND RELATED DOCUMENTS

Application for a Title V Air Operation Permit Renewal received August 24, 2012.

PRIMARY REGULATORY REQUIREMENTS

Title III: The facility is identified as a major source of hazardous air pollutants (HAP).

Title V: The facility is a Title V major source of air pollution in accordance with Chapter 62-213, Florida Administrative Code (F.A.C.).

PSD: The facility is not a source of air pollution for Prevention of Significant Deterioration (PSD) in accordance with Rule 62-212.400, F.A.C.

NSPS: The facility does operate units subject to the New Source Performance Standards (NSPS) of 40 Code of Federal Regulations (CFR) 60.

NESHAP: The facility does operate units subject to the National Emissions Standards for Hazardous Air Pollutants (NESHAP) of 40 CFR 63.

CAIR: The facility is not subject to the Clean Air Interstate Rule (CAIR) set forth in Rule 62-296.470, F.A.C.

CAM: Compliance Assurance Monitoring (CAM) does not apply.

PROJECT REVIEW

Specific changes were made to the previous Title V Air Operation Permit No. 0250640-024-AV, and are in this PROPOSED Title V Air Operational Permit Renewal. Such changes include:

- FDEP reformatting of the entire permit document, replacement of TV-6 with new Appendix TV, streamlining of EU sections by moving common conditions to the new appendices, etc. For example, some of the recordkeeping, and testing requirements that were previously listed under TV-6, (i.e. administrative permit corrections, deviation reports, etc.) and the Facility-Wide Conditions, and Specific Conditions under the previous Title V permit (i.e. certification by responsible official, testing, submittal of monitoring reports, statement of compliance, etc.) are now listed under the new Appendix RR – Facility-Wide Reporting Requirements, and Appendix TR – Facility-Wide Testing Requirements.
- Recent organizational changes have occurred within the Miami-Dade County Government and the Permitting, Environment and Regulatory Affairs-Environmental Services (PERA) was merged with two (2) other departments. The consolidated name is now the Department of Regulatory and Economic Resources (RER), Division of Environmental Resources Management, Air Quality Management. As a result, references to PERA in the permit have been changed to RER.
- Updating some specific conditions in Section III – Subsection B due to revisions made to 40 CFR 63 subpart N – National Emissions Standards for Chromium from Hard and Decorative Chromium Electroplating and Chromium Anodizing Tanks on September 19, 2012.

The applicant stated in the application that no changes were made to the facility's operations since the issuance of the current Title V air operation permit No. 0250640-024-AV that was issued on May 24, 2012.

Items numbered 1 – 3 below represent the changes to the previous Title V Air Operation Permit. Underline text indicates additions. ~~Strikethrough indicates text removed~~.

1. Changes in Section III – Subsection B, Emissions Unit and Specific Conditions, Emissions Unit 002 – Hard Chromium Electroplating Operations. 40 CFR 63 subpart N – National Emissions Standards for Chromium from Hard and Decorative Chromium Electroplating and Chromium Anodizing Tanks was revised on September 19, 2012. Some specific conditions have been updated accordingly to reflect the revision, and some specific conditions not affected by the revision were modified to reflect the way the rule is written as follows:

B.3. Chromium Emissions: During tank operation, each owner or operator of an existing, new, or reconstructed affected source shall control chromium emissions discharged to the atmosphere from that affected source by not allowing the concentration of total chromium in the exhaust gas stream discharged to the atmosphere to exceed 0.015 mg/dscm (6.6×10^{-6} gr/dscf) for all open surface hard chromium electroplating tanks that are existing affected sources and are located at small, hard chromium electroplating facilities. [40 CFR 63.342(c)(1)(ii)]

B.4. General Work Practice Standards: All owners or operators subject to the standards in 40 CFR 63.342(c) are subject to these 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 Act are enforceable independent of emissions limitations or other requirements in relevant standards.

[40 CFR 63.342(f)(1)]

B.6. Operation And Maintenance Plan: The permittee of an affected source subject to the work practice standards outlined in 40 CFR 63.342(f) shall prepare an operation and maintenance plan to be implemented no later than January 25, 1997. The plan is incorporated by reference into the source's Title V permit and shall contain the following elements.

(A) The plan shall specify the operation and maintenance criteria for the affected source, the add-on air pollution control device (if such a device is used to comply with the emission limits), and the process and control system monitoring equipment, and shall include a standardized checklist to document the operation and maintenance of this equipment.

(B) For sources using an add-on air pollution control device or monitoring equipment to comply with 40 CFR 63 Subpart N, the plan shall incorporate the operation and maintenance practices for that device or monitoring equipment, as identified in 40 CFR 63.342.

(D) 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.

(E) 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.

(F) The plan shall include housekeeping procedures, as specified in Table 2 of 40 CFR 63.342.

[40 CFR 63.342(f)(3)(i)(A), (B), (D), (E), & (F)]

B.8. Operation And Maintenance Plan Deviations: If actions taken by the owner or operator during periods of malfunction are inconsistent with the procedures specified in the operation and maintenance plan required by paragraph (f)(3)(i) of 40 CFR 63.342, the owner or operator shall record the actions taken for that event and shall report 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 RER.

[40 CFR 63.342(f)(3)(iv)]

B.9. Operation And Maintenance Plan Options: To satisfy the requirements of 40 CFR 63.342(f)(3), the owner or operator 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 40 CFR 63.342.

[40 CFR 63.342 (f)(3)(vi)]

B.14. Packed-bed Scrubber/Composite Mesh-pad System Monitoring: The owner or operator of an affected source, or group of affected sources under common control, that uses a packed-bed scrubber in conjunction with a composite mesh-pad system to meet the emission limitations of 40 CFR 63.342 shall comply with the monitoring requirements for composite mesh-pad systems as identified in 40 CFR 63.343(c)(1).

[40 CFR 63.343(c)(3)]

B.15. Composite Mesh-pad System Monitoring:

(i) During the initial performance test, the owner or operator of an affected source, or a group of affected sources under common control, complying with the emission limitations in 40 CFR 63.342 through the use of a composite mesh-pad system shall determine the outlet chromium concentration using the test methods and procedures in 40 CFR 63.344(c), and shall

establish as a site-specific operating parameter the pressure drop across the system, setting the value that corresponds to compliance with the applicable emission limitation, using the procedures in 40 CFR 63.344(d)(5). An owner or operator may conduct multiple performance tests to establish a range of compliant pressure drop values, or may set as the compliant value the average pressure drop measured over the three test runs of one performance test and accept ±2 inches of water column from this value as the compliant range.

(ii) On and after the date which the initial performance test is required to be completed under 40 CFR 63.7, the owner or operator of an affected source, or group of affected sources under common control, shall monitor and record the pressure drop across the composite mesh-pad system once each day that any affected source is operating. To be in compliance, the composite mesh-pad system shall operate within ± 2 inches of water column of the pressure drop value established during the initial performance test, or operate within the range of compliant values for the pressure drop established during multiple performance tests.

(iii) The owner or operator of an affected source complying with the emission limitations in 40 CFR 63.343 through the use of a composite mesh-pad system may repeat the performance test and establish as a new site-specific operating parameter the pressure drop across the composite mesh-pad system according to the requirements in paragraphs (c)(1)(i) or (ii) of 40 CFR 63.343. To establish a new site-specific operating parameter for pressure drop, the owner or operator shall satisfy the requirements specified in paragraphs (c)(1)(iii)(A) through (D) of 40 CFR 63.343.

(A) Determine the outlet chromium concentration using the test methods and procedures in 40 CFR 63.344(c);

(B) Establish the site-specific operating parameter value using the procedures 40 CFR 63.344(d)(5);

(C) Satisfy the recordkeeping requirements in 40 CFR 63.346(b)(6) through (8); and

(D) Satisfy the reporting requirements in 40 CFR 63.347(d) and (f).

(iv) The requirement to operate a composite mesh-pad system within the range of pressure drop values established under paragraphs (c)(1)(i) through (iii) of 40 CFR 63.343 does not apply during automatic washdown cycles of the composite mesh-pad system.

[40 CFR 63.343(c)]

B.16. Multiple Source Compliance Provisions:

(1) Section 40 CFR 63.344(e) identifies procedures for measuring the outlet chromium concentration from an add-on air pollution control device that is used to control multiple sources that may or may not include sources not affected by 40 CFR 63 Subpart N.

(2) When multiple affected sources performing the same type of operation (e.g., all are performing hard chromium electroplating), and subject to the same emission limitation, are controlled with an add-on air pollution control device that is not controlling emissions from any other type of affected operation or from any nonaffected sources, the applicable emission limitation identified in 40 CFR 63.342 must be met at the outlet of the add-on air pollution control device.

(5) Each owner or operator that uses the special compliance provisions of 40 CFR 63.344(e)(5) to demonstrate compliance with the emission limitations of 40 CFR 63.342, shall submit the measurements and calculations to support these compliance methods with the notification of compliance status required by 40 CFR 63.347(e).

(6) Each owner or operator that uses the special compliance provisions of 40 CFR 63.344 to demonstrate compliance with the emission limitations of 40 CFR 63.342 shall repeat these procedures if a tank is added or removed from the control system regardless of whether that tank is a nonaffected source. If the new nonaffected tank replaces an existing nonaffected tank of the same size and is connected to the control system through the same size inlet duct then this procedure does not have to be repeated.

[40 CFR 63.344(e)(1),(2),(5),&(6)]

B.17. Operation And Maintenance Plan Records: The owner or operator shall keep the written operation and maintenance plan shall be kept on record after it is developed to be made available for inspection, upon request, by the RER for the life of the affected source or until the source is no longer subject to the provisions of 40 CFR 63 Subpart N. In addition, if the operation and maintenance plan is revised, the owner or operator 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 RER for a period of 5 years after each revision to the plan.
[40 CFR 63.342(f)(3)(v)]

B.18. Recordkeeping Requirements:

(a) The owner or operator of each affected source subject to these standards shall fulfill all recordkeeping requirements outlined in 40 CFR 63.346 and in the General Provisions to 40 CFR part 63, according to the applicability of 40 CFR 63 Subpart A as identified in Table 1 of 40 CFR 63 Subpart N.

(b) The owner or operator of an affected source subject to the provisions of 40 CFR 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 40 CFR 63.342(f) and Table 1 of 40 CFR 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, except routine housekeeping practices;

(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 to minimize emissions in accordance with 40 CFR 63.342(a)(1), including corrective actions to restore malfunctioning process and air pollution control and monitoring equipment to its normal or usual manner operation.

(5) Other records, which may take the form of checklists, necessary to demonstrate consistency with the provisions of the operation and maintenance plan required by 40 CFR 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 40 CFR 63.344(e);

(8) 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;

(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 40 CFR 63.342(c)(2);

(13) Reserved

(14) Reserved

(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 40 CFR 63.10(f) ; and

(16) All documentation supporting the notifications and reports required by 40 CFR 63.9, 40 CFR 63.10, and 40 CFR 63.347.

[40 CFR 63.346(a)&(b)]

B.19. Retain Records: All records shall be maintained for a period of 5 years in accordance with 40 CFR 63.10(b)(1).
[40 CFR 63.346(c)]

B.20. Reporting Requirements: The owner or operator of each affected source subject to these standards shall fulfill all reporting requirements outlined in 40 CFR 63.347, according to the applicability of Subpart A as identified in Table 1 of 40 CFR 63 Subpart N. These reports shall be mailed to the RER Air Quality Management at 701 NW 1 Ct. Suite 400, Miami, FL 33136.

(1) Reports required by 40 CFR 63 Subpart A and 40 CFR 63.347 may be sent by U.S. mail, fax, or by another courier.
   (i) Submittals sent by U.S. mail shall be postmarked on or before the specified date.
   (ii) Submittals sent by other methods shall be received by the RER on or before the specified date.

(2) If acceptable to both the RER and the owner or operator of an affected source, reports may be submitted on electronic media.

(b) The reporting requirements of this condition apply to the permittee of an affected source when such source becomes subject to the provisions of 40 CFR 63 Subpart N.

[40 CFR 63.347(a)&(b)]

B.21. Performance Test Notification:

(1) The owner or operator of an affected source shall notify the RER in writing of his or her intention to conduct a performance test at least 60 calendar days before the test is scheduled to begin to allow the RER to have an observer present during the test. Observation of the performance test by the RER is optional.

(2) In the event the owner or operator is unable to conduct the performance test as scheduled, the provisions of 40 CFR 63.7(b)(2) apply.

[40 CFR 63.347(d)]

B.22. Notification of Compliance Status: A notification of compliance status is required each time that an affected source becomes subject to the requirements of 40 CFR 63 Subpart N. The notification shall list for each affected source:

(i) The applicable emission limitation and the methods that were used to determine compliance with this limitation;

(ii) If a performance test is required by 40 CFR 63 Subpart N, the test report documenting the results of the performance test, which contains the elements required by 40 CFR 63.344(a), including measurements and calculations to support the special compliance provisions of 40 CFR 63.344(e) if these are being followed;

(iii) The type and quantity of hazardous air pollutants emitted by the source reported in mg/dscm or mg/hr if the source is using the special provisions of 40 CFR 63.344(e) to comply with the standards. (If the permittee is subject to the construction and reconstruction provisions of 40 CFR 63.345 of 40 CFR 63 Subpart N and had previously submitted emission estimates, they shall state that this report corrects or verifies the previous estimate.) For sources not required to conduct a performance test in accordance with 40 CFR 63.343(b), the surface tension measurement may fulfill this requirement;

(iv) For each monitored parameter for which a compliant value is to be established under 40 CFR 63.343(c), the specific operating parameter value, or range of values, that corresponds to compliance with the applicable emission limit;

(v) The methods that will be used to determine continuous compliance, including a description of monitoring and reporting requirements, if methods differ from those identified in 40 CFR 63 Subpart N;

(vi) A description of the air pollution control technique for each emission point;

(vii) A statement that the permittee has completed and has on file the operation and maintenance plan as required by the work practice standards in 40 CFR 63.342(f);

(viii) Reserved

(ix) A statement by the permittee of the affected source as to whether the source has complied with the provisions of 40 CFR 63 Subpart N.

[40 CFR 63.347(e)(1)(2)]

B.23. Report of Performance Test Results:

(1) The owner or operator of an affected source should report performance test results to the RER.

(2) Reports of performance test results shall be submitted no later than 90 days following the completion of the performance test, and shall be submitted as part of the notification of compliance status required by 40 CFR 63.347(e).

(3) (i) Within 60 days after the date of completing each performance test (defined in 40 CFR 63.2) as required by 40 CFR 63 Subpart N, you must submit the results of the performance tests, including any associated fuel analyses, required by this subpart to the EPA's WebFIRE database by using the Compliance and Emissions Data Reporting Interface (CEDRI) that is accessed through the EPA's Central Data Exchange (CDX) (*www.epa.gov/cdx*). Performance test data must be submitted in the file format generated through use of the EPA's Electronic Reporting Tool (ERT) (see *http://www.epa.gov/ttn/chief/ert/index.html*). Only data collected using test methods on the ERT Web site are subject to this requirement for submitting reports electronically to WebFIRE. Owners or operators who claim that some of the information being submitted for performance tests is confidential business information (CBI) must submit a complete ERT file including information claimed to be CBI on a compact disk, flash drive or other commonly used electronic storage media to the EPA. The electronic media must be clearly marked as CBI and mailed to U.S. EPA/OAPQS/CORE CBI Office, Attention: WebFIRE Administrator, MD C404-02, 4930 Old Page Rd., Durham, NC 27703. The same ERT file with the CBI omitted must be submitted to the EPA via CDX as described earlier in 40 CFR 63.247(3)(f). At the discretion of the RER, you must also submit these reports, including the confidential business information, to the RER in the format specified by the RER. For any performance test conducted using test methods that are not listed on the ERT Web site, the owner or operator shall submit the results of the performance test to the Administrator at the appropriate address listed in 40 CFR 63.13.

[40 CFR 63.347(f)]

B.24. Compliance Status Summary Report: The owner or operator of an affected source that is located at a major source site shall submit a summary report to the RER to document the ongoing compliance status of the affected source. The report shall contain the information identified in 40 CFR 63.347(g)(3), and shall be submitted semiannually except when:

(i) The RER determines on a case-by-case basis that more frequent reporting is necessary to accurately assess the compliance status of the source; or

(ii) The monitoring data collected by the permittee of the affected source in accordance with 40 CFR 63.343(c) show that the emission limit has been exceeded, in which case quarterly reports shall be submitted. Once an owner or operator of an affected source reports an exceedance, ongoing compliance status reports shall be submitted quarterly until a request to reduce reporting frequency under paragraph (g)(2) of 40 CFR 63.347 is approved.

[40 CFR 63.347(g)(1)]

B.25. Compliance Status Report Frequency:

(i) An owner or operator who is required to submit ongoing compliance status reports on a quarterly (or more frequent basis) may reduce the frequency of reporting to semiannual if all of the following conditions are met:

(A) For 1 full year (e.g., 4 quarterly or 12 monthly reporting periods), he ongoing compliance status reports demonstrate that the affected source is in compliance with the relevant emission limit;

(B) The owner or operator continues to comply with all applicable recordkeeping and monitoring requirements of Subpart A and 40 CFR 63 Subpart N; and

(C) The RER does not object to a reduced reporting frequency for the affected source, as provided in the following:

(ii) The frequency of submitting ongoing compliance status reports may be reduced only after the permittee notifies the RER in writing of his or her intention to make such a change, and there is no objection to the intended change. In deciding whether to approve a reduced reporting frequency, the RER may review information concerning the source's entire previous performance history during the 5-year recordkeeping period prior to the intended change, or the recordkeeping period since the source's compliance date, whichever is shorter. Records subject to review may include performance test results, monitoring data, and evaluations of a permittee's conformance with emission limitations and work practice standards. Such information may be used by the RER to make a judgment about the source's potential for noncompliance in the future. If the RER disapproves the request to reduce reporting frequency, the permittee shall be notified in writing within 45 days after receiving notice of the permittee's intention. The notification from the RER will specify the grounds on which the disapproval is based. In the absence of a notice of disapproval within 45 days, approval is automatically granted.

(iii) As soon as the monitoring data required by 40 CFR 63.343(c) show that the source is not in compliance with the relevant emission limit, the frequency of reporting shall revert to quarterly, and the permittee shall state this exceedence in the ongoing compliance status report for the next reporting period. After demonstrating ongoing compliance with the relevant emission limit for another full year, a request can be made to reduce the reporting frequency as allowed by paragraph (g)(2) of 40 CFR 63.347.

[40 CFR 63.347(g)(2)]

B.26. Ongoing Compliance Status Report Content: The owner or operator of an affected source for which compliance monitoring is required in accordance with 40 CFR 63.343(c) shall prepare a summary report to document the ongoing compliance status of the source. The report must contain the following information:

(i) The company name and address of the affected source;

(ii) An identification of the operating parameter that is monitored for compliance determination, as required by 40 CFR 63.343(c);

(iii) 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 required by paragraph (e) of 40 CFR 63.347;

(iv) The beginning and ending dates of the reporting period;

(v) A description of the type of process performed;

(vi) The total operating time during the reporting period;

(vii) If the affected source is a hard chromium electroplating tank and the permittee is limiting the maximum cumulative rectifier capacity in accordance with 40 CFR 63.342(c)(2), the actual cumulative rectifier capacity expended during the reporting period, on a month-by-month basis;

(viii) 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 that 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;

(ix) A certification by a responsible official, as defined in 40 CFR 63.2, that the work practice standards in 40 CFR 63.342(f) were followed in accordance with the operation and maintenance plan for the source;

(x) If the operation and maintenance plan required by 40 CFR 63.342(f)(3) was not followed, an explanation of the reasons for not following the provisions, an assessment of whether any excess emission and/or parameter monitoring exceedences are believed to have occurred, and a copy of the report(s) required by 40 CFR 63.342(f)(3)(iv) documenting that the operation and maintenance plan was not followed;

(xi) A description of any changes in monitoring, processes, or controls since the last reporting period;
(xii) 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 actions taken by an owner or operator during a malfunction of an affected source to minimize emissions in accordance with 40 CFR 63.342(a)(1), including actions taken to correct a malfunction.
(xiii) The name, title, and signature of the responsible official who is certifying the accuracy of the report; and
(xiv) The date of the report.
[40 CFR 63.347(g)(3)]

B.27. Multiple Device Compliance Status Report: When more than one monitoring device is used to comply with the continuous compliance monitoring required by 40 CFR 63.343(c), the owner or operator shall report the results as required for each monitoring device. However, when one monitoring device is used as a backup for the primary monitoring device, the owner or operator shall only report the results from the monitoring device used to meet the monitoring requirements of 40 CFR 63 Subpart N. If both devices are used to meet these requirements, then owner or operator shall report the results from each monitoring device for the relevant compliance period.
[40 CFR 63.347(g)(4)]

B.28. Performance Test Requirements: Performance tests shall be conducted using the test methods and procedures in 40 CFR 63.344. Performance tests shall be conducted under such conditions as the RER specifies to the owner or operator based on representative performance of the affected source for the period being tested. Upon request, the owner or operator shall make available to the RER such records as may be necessary to determine the conditions of the performance tests. Performance test results shall be documented in complete tests reports, and contain the information as required by 40 CFR 63.344(a)(1) through (9). The test plan to be followed shall be made available to the RER prior to the testing, if requested.
(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 the test, preparation of standards, and calibration procedures;
(7) Raw data sheets for field sampling and field and laboratory analyses;
(8) Documentation of calculations; and
(9) Any other information required by the test method.
[40 CFR 63.344(a)]

B.29. Performance Test Results:
(1) If the owner or operator of an affected source conducts performance testing at startup to obtain an operating permit in the State in which the affected source is located, the results of such testing may be used to demonstrate compliance with 40 CFR 63 Subpart N if:
(i) The test methods and procedures identified in paragraph (c) of 40 CFR 63.344 were used during the performance test;
(ii) The performance test was conducted under representative operating conditions for the source;
(iii) The performance test report contains the elements required by paragraph (a) of 40 CFR 63.344; (iv) The owner or operator of the affected source for which the performance test was conducted has sufficient data to establish the operating parameter value(s) that

correspond to compliance with the standards, as required for continuous compliance monitoring under 40 CFR 63.343(c).

(v) The performance test was conducted after January 25, 1995;

(vi) As of September 19, 2012 the source was using the same emissions controls that were used during the compliance test;

(vii) As of September 19, 2012, the source was operating under conditions that are representative of the conditions under which the source was operating during the compliance test; and

(viii) Based on approval from the RER.

(2) [Reserved]

[40 CFR 63.344(b)]

B.30. Performance Test Methods: Each owner or operator subject to the provisions of 40 CFR 63 Subpart N and required by 40 CFR 63.343(b) to conduct an initial performance test shall use the test methods identified in 40 CFR 63.344 to demonstrate compliance with the standards in 40 CFR 63.342.

(1) Method 306 or Method 306A, "Determination of Chromium Emissions from Decorative and Hard Chromium Electroplating and Anodizing Operations," appendix A of 40 CFR 63 shall be used to determine the chromium concentration from hard or decorative chromium electroplating tanks or chromium anodizing tanks. 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. Methods 306 and 306A, appendix A of 40 CFR 63 allow the measurement of either total chromium or hexavalent chromium emissions. For the purposes of this standard, sources using chromic acid baths must demonstrate compliance with the emission limits of 40 CFR 63.342 by measuring the total chromium. (2) The California Air Resources Board (CARB) Method 425 may be used to determine the chromium concentration from hard and decorative chromium electroplating tanks and chromium anodizing tanks if the following conditions are met:

(i) If a colorimetric analysis method is used, the sampling time and volume shall be sufficient to result in 33 to 66 micrograms of catch in the sampling train.

(ii) If Atomic Absorption Graphite Furnace (AAGF) or Ion Chromatography with a Post-column Reactor (ICPCR) analyses were used, the sampling time and volume should be sufficient to result in a sample catch that is 5 to 10 times the minimum detection limit of the analytical method (i.e., 1.0 microgram per liter of sample for AAGF and 0.5 microgram per liter of sample for ICPCR).

(iii) In the case of either item (c)(2)(i) or (2)(ii) of 40 CFR 63.344, a minimum of 3 separate runs must be conducted. The other requirements of 40 CFR 63.7 that apply to affected sources, as indicated in Table 1 of 40 CFR 63 Subpart N, must also be met.

[40 CFR 63.344(c)(1) & (2)]

B.31. Site-Specific Operating Parameter Values: Each owner or operator required to establish site-specific operating parameters shall follow the procedures in 40 CFR 63.344(d).

(2) 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.

(ii) Specification for differential pressure measurement devices used to measure pressure drop across a control system shall be in accordance with manufacturer's accuracy specifications.

(5) The owner or operator of a source required to measure the pressure drop across the add-on air pollution control device in accordance with 40 CFR 63.343(c)(1) through (4) may establish the pressure drop in accordance with the following guidelines:

(i) Pressure taps shall be installed at any of the following locations:
  (A) At the inlet and outlet of the control system. The inlet tap should be installed in the ductwork just prior to the control device and the corresponding outlet pressure tap should be installed on the outlet side of the control device prior to the blower or on the downstream side of the blower;
  (B) On each side of the packed bed within the control system or on each side of each mesh pad within the control system; or
  (C) On the front side of the first mesh pad and back side of the last mesh pad within the control system.

(ii) Pressure taps shall be sited at locations that are:
  (A) Free from pluggage as possible and away from any flow disturbances such as cyclonic demisters.
  (B) Situated such that no air infiltration at 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, an 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.

[40 CFR 63.344(d)(1),(2)(ii), & (5)]

2. Changes in Section III – Subsection C, Emissions Unit and Specific Conditions, Emissions Unit 003 – Painting/Cleaning Operations. All referenced notes in parentheses (See Appendix 1) were removed.

3. Changes in Section III – Subsection E, Common Conditions. With the FDEP reformatting of the entire permit document, replacement of TV-6 with new Appendix TV, streamlining of EU sections by moving common conditions to the new appendices, etc. Specific Conditions E.2., E.3., E.4., & E.5. were moved to Appendix TV, Appendix RR, Appendix TR, Facility –Wide Conditions, respectively. Specific Condition E.1. (Excess Emissions) was also removed, and placed under Emissions Units and Specific Conditions in Subsections A – D. As a result, Subsection E has been removed from the permit.

CONCLUSION

This project renews Title V air operation permit No. 0250640-024-AV, which was issued on May 4, 2012. This Title V air operation permit renewal is issued under the provisions of Chapter 403, Florida Statues (F.S.), and Chapters 62-4, 62-210 and 62-213, F.A.C.