



west virginia department of environmental protection

Division of Air Quality
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Earl Ray Tomblin, Governor
Randy C. Huffman, Cabinet Secretary
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September 12, 2016

CERTIFIED MAIL

91 7199 9991 7035 6665 8646

Roger Stewart
1552 Tulip Lane
Fairmont, WV 26554

Re: Soles Electric Company
Fairmont Facility
Permit No. R13-3162
Plant ID No. 049-00033

Dear Mr. Stewart:

Your application for a permit as required by Section 5 of 45CSR13 - "Permits for Construction, Modification, Relocation and Operation of Stationary Sources of Air Pollutants, Notification Requirements, Temporary Permit, General Permit, and Procedures for Evaluation" has been approved. The enclosed permit R13-3162A is hereby issued pursuant to Subsection 5.7 of 45CSR13. Please be aware of the notification requirements in the permit which pertain to commencement of construction, modification, or relocation activities; startup of operations; and suspension of operations.

The source is not subject to 45CSR30.

In accordance with 45CSR22 - Air Quality Management Fee Program, the permittee shall not operate nor cause to operate the permitted facility or other associated facilities on the same or contiguous sites comprising the plant without first obtaining and having in current effect a Certificate to Operate (CTO). Such Certificate to Operate (CTO) shall be renewed annually, shall be maintained on the premises for which the Certificate has been issued, and shall be made immediately available for inspection by the Secretary or his/her duly authorized representative.

Any person whose interest may be affected, including, but not necessarily limited to, the applicant and any person who participated in the public comment process, by a permit issued, modified or denied by the Secretary may appeal such action of the Secretary to the Air Quality Board pursuant to article one [§§22B-1-1 et seq.], Chapter 22B of the Code of West Virginia. West Virginia Code §§22-5-14.

Should you have any questions or comments, please contact me at (304) 926-0499, extension 1257.

Sincerely,



John Legg
Permit Writer

Enclosures

c: Rae Dyer, Soles Electric Company
rdyer@soleselectric.com

Brian Tephabock, WVDAQ's North Central Regional Office
Brian.S.Tephabock@wv.gov

Gene Cocari, WVDAQ's SBAP Manager
Gene.M.Cocari@wv.gov

rstewart@soleselectric.com

West Virginia Department of Environmental Protection

Division of Air Quality

*Earl Ray Tomblin
Governor*

*Randy C. Huffman
Cabinet Secretary*

Permit to Update



R13-3162A

This permit is issued in accordance with the West Virginia Air Pollution Control Act (West Virginia Code §§ 22-5-1 et seq.) and 45 C.S.R. 13 — Permits for Construction, Modification, Relocation and Operation of Stationary Sources of Air Pollutants, Notification Requirements, Temporary Permits, General Permits and Procedures for Evaluation. The permittee identified at the facility listed below is authorized to construct the stationary sources of air pollutants identified herein in accordance with all terms and conditions of this permit.

Issued to:

Soles Electric Company
Fairmont, Marion County, WV
049-00033

A handwritten signature in blue ink, appearing to read "William F. Durham", written over a horizontal line.

*William F. Durham
Director*

Issued: September 12, 2016

This permit does not supercede or replace another permit.

Facility Location: Fairmont, Marion County, West Virginia

Mailing Address: 1552 Tulip Lane, Fairmont, WV 26554

Facility Description: Electric Motor Repair/Rebuild Shop

NAICS Codes: 811310 - Commercial and Industrial Machinery and Equipment (Except Automotive and Electronic) Repair and Maintenance

UTM Coordinates: 574.095 km Easting • 4,367.292 km Northing • Zone 17

Permit Type: Class I Administrative Update

Description
of Change:

The facility is located in Marion County which is a non-Rule 21 county. Rule 21 related requirements that required the permittee to perform daily VOC calculations were changed to monthly VOC calculations. Also, section 7.1.1 was changed so that only new surface coatings that contain a HAP not already listed in the table for section 7.1.1 have to submit a MSDS to the Air Director within 30 days of using the new surface coating.

Any person whose interest may be affected, including, but not necessarily limited to, the applicant and any person who participated in the public comment process, by a permit issued, modified or denied by the Secretary may appeal such action of the Secretary to the Air Quality Board pursuant to article one [§§ 22B-1-1 et seq.], Chapter 22B of the Code of West Virginia. West Virginia Code §22-5-14.

The source is not subject to 45CSR30.

NOTE: The WVDEP DAQ did not take delegation from the US EPA of air toxics provision 40 CFR 63, Subpart HHHHH, "National Emission Standards for Hazardous Air Pollutants: Paint Stripping and Miscellaneous Surface Coating Operations at Area Sources," and therefore can make no determination as to the provision's applicability to the facility permitted herein. The permittee must work with the US EPA to determine if the subject provision is applicable to its facility and if so, what actions/measures must be taken to meet the requirements of the provision.

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1.0 Emission Units

Emission Unit ID	Emission Point ID	Emission Unit Description	Year Installed	Design Capacity	Control Device
1S	1E	Steelman Burnout Oven Model 888 BA-E Natural Gas-fired (8'x8'x8') (Primary 0.52 Btu/hr) (Afterburner 0.78 Btu/hr)	2013	1.26 MM Btu/hr Total Heat 6,000 lb charge	1C Afterburner
2S	2E	Bayco Burnout Oven Model BB-180 Natural Gas-fired (5'x6'x6')	2013	0.49 MM Btu/hr 1,628 lb charge	2C Afterburner
3S	3E	Steelman Bake Oven Model 568-GTC Natural Gas-fired	2013	? MM Btu/hr 6,000 lb charge	None
4S	4E	Bayco Bake Oven Model CD-392G Natural Gas-fired	2013	? MM Btu/hr 1,600 lb charge	None
5S	5E	Paint Booth	2013	6,000 lb charge	3C Glass Fiber Air Filter
6S	6E	Vacuum Pressure Impregnation (VPI) [Enclosed System - 6' EpoxyLite VPI Tank (resin filled); vacuum pump; and chiller]	2013	6,000 lb charge	None (Enclosed System)
7S	7E	Dip Tank 4' EpoxyLite VPI Tank	2013	6,000 lb charge	None
8S	8E	Dip Tank	2013	6,000 lb	None
9S	9E	Parts Cleaner Proceco Typhoon Model - HD60-6065000 - 60-2-R	2013	500 lb charge	None

1.0 Emission Units

10S	10E	Large Abrasive Blast Room/Booth	2013	10,000 lb charge	4C Dust-Hog Dust Collection System
11S	11E	Small Abrasive Blast Room/Booth	2013	6,000 lb charge	5C Dust-Hog Dust Collection System

2.0. General Conditions

2.1. Definitions

- 2.1.1. All references to the "West Virginia Air Pollution Control Act" or the "Air Pollution Control Act" mean those provisions contained in W.Va. Code §§ 22-5-1 to 22-5-18.
- 2.1.2. The "Clean Air Act" means those provisions contained in 42 U.S.C. §§ 7401 to 7671q, and regulations promulgated thereunder.
- 2.1.3. "Secretary" means the Secretary of the Department of Environmental Protection or such other person to whom the Secretary has delegated authority or duties pursuant to W.Va. Code §§ 22-1-6 or 22-1-8 (45 CSR § 30-2.12.). The Director of the Division of Air Quality is the Secretary's designated representative for the purposes of this permit.

2.2. Acronyms

CAAA	Clean Air Act Amendments	NO_x	Nitrogen Oxides
CBI	Confidential Business Information	NSPS	New Source Performance Standards
CEM	Continuous Emission Monitor	PM	Particulate Matter
CES	Certified Emission Statement	PM_{2.5}	Particulate Matter less than 2.5µm in diameter
C.F.R. or CFR	Code of Federal Regulations	PM₁₀	Particulate Matter less than 10µm in diameter
CO	Carbon Monoxide	Ppb	Pounds per Batch
C.S.R. or CSR	Codes of State Rules	pph	Pounds per Hour
DAQ	Division of Air Quality	ppm	Parts per Million
DEP	Department of Environmental Protection	Ppmv or ppmv	Parts per million by volume
dscm	Dry Standard Cubic Meter	PSD	Prevention of Significant Deterioration
FOIA	Freedom of Information Act	psi	Pounds per Square Inch
HAP	Hazardous Air Pollutant	SIC	Standard Industrial Classification
HON	Hazardous Organic NESHAP	SIP	State Implementation Plan
HP	Horsepower	SO₂	Sulfur Dioxide
lbs/hr	Pounds per Hour	TAP	Toxic Air Pollutant
LDAR	Leak Detection and Repair	TPY	Tons per Year
M	Thousand	TRS	Total Reduced Sulfur
MACT	Maximum Achievable Control Technology	TSP	Total Suspended Particulate
MDHI	Maximum Design Heat Input	USEPA	United States Environmental Protection Agency
MM	Million	UTM	Universal Transverse Mercator
MMBtu/hr or mmbtu/hr	Million British Thermal Units per Hour	VEE	Visual Emissions Evaluation
MMCF/hr or mmcf/hr	Million Cubic Feet per Hour	VOC	Volatile Organic Compounds
NA	Not Applicable	VOL	Volatile Organic Liquids
NAAQS	National Ambient Air Quality Standards		
NESHAPS	National Emissions Standards for Hazardous Air Pollutants		

2.3. Authority

This permit is issued in accordance with West Virginia Air Pollution Control Law W.Va. Code §§22-5-1 et seq. and the following Legislative Rules promulgated thereunder:

- 2.3.1. 45CSR13 – *Permits for Construction, Modification, Relocation and Operation of Stationary Sources of Air Pollutants, Notification Requirements, Temporary Permits, General Permits and Procedures for Evaluation;*

2.4. Term and Renewal

- 2.4.1. This permit supersedes and replaces previously issued Permit R13-2682. This permit shall remain valid, continuous and in effect unless it is revised, suspended, revoked or otherwise changed under an applicable provision of 45CSR13 or any applicable legislative rule.

2.5. Duty to Comply

- 2.5.1. The permitted facility shall be constructed and operated in accordance with the plans and specifications filed in Permit Applications R13-3162, R13-3162A and any modifications, administrative updates, or amendments thereto. The Secretary may suspend or revoke a permit if the plans and specifications upon which the approval was based are not adhered to;
[45CSR§§13-5.11 and 13-10.3]
- 2.5.2. The permittee must comply with all conditions of this permit. Any permit noncompliance constitutes a violation of the West Virginia Code and the Clean Air Act and is grounds for enforcement action by the Secretary or USEPA;
- 2.5.3. Violations of any of the conditions contained in this permit, or incorporated herein by reference, may subject the permittee to civil and/or criminal penalties for each violation and further action or remedies as provided by West Virginia Code 22-5-6 and 22-5-7;
- 2.5.4. Approval of this permit does not relieve the permittee herein of the responsibility to apply for and obtain all other permits, licenses and/or approvals from other agencies; i.e., local, state and federal, which may have jurisdiction over the construction and/or operation of the source(s) and/or facility herein permitted.

2.6. Duty to Provide Information

The permittee shall furnish to the Secretary within a reasonable time any information the Secretary may request in writing to determine whether cause exists for administratively updating, modifying, revoking or terminating the permit or to determine compliance with the permit. Upon request, the permittee shall also furnish to the Secretary copies of records to be kept by the permittee. For information claimed to be confidential, the permittee shall furnish such records to the Secretary along with a claim of confidentiality in accordance with 45CSR31. If confidential information is to be sent to USEPA, the permittee shall directly provide such information to USEPA along with a claim of confidentiality in accordance with 40 C.F.R. Part 2.

2.7. Duty to Supplement and Correct Information

Upon becoming aware of a failure to submit any relevant facts or a submittal of incorrect information in any permit application, the permittee shall promptly submit to the Secretary such supplemental facts or corrected information.

2.8. Administrative Update

The permittee may request an administrative update to this permit as defined in and according to the procedures specified in 45CSR13.

[45CSR§13-4]

2.9. Permit Modification

The permittee may request a minor modification to this permit as defined in and according to the procedures specified in 45CSR13.

[45CSR§13-5.4.]

2.10. Major Permit Modification

The permittee may request a major modification as defined in and according to the procedures specified in 45CSR14 or 45CSR19, as appropriate.

[45CSR§13-5.1]

2.11. Inspection and Entry

The permittee shall allow any authorized representative of the Secretary, upon the presentation of credentials and other documents as may be required by law, to perform the following:

- a. At all reasonable times (including all times in which the facility is in operation) enter upon the permittee's premises where a source is located or emissions related activity is conducted, or where records must be kept under the conditions of this permit;
- b. Have access to and copy, at reasonable times, any records that must be kept under the conditions of this permit;
- c. Inspect at reasonable times (including all times in which the facility is in operation) any facilities, equipment (including monitoring and air pollution control equipment), practices, or operations regulated or required under the permit;
- d. Sample or monitor at reasonable times substances or parameters to determine compliance with the permit or applicable requirements or ascertain the amounts and types of air pollutants discharged.

2.12. Emergency

- 2.12.1. An "emergency" means any situation arising from sudden and reasonable unforeseeable events beyond the control of the source, including acts of God, which situation requires immediate corrective action to restore normal operation, and that causes the source to exceed a technology-based emission

limitation under the permit, due to unavoidable increases in emissions attributable to the emergency. An emergency shall not include noncompliance to the extent caused by improperly designed equipment, lack of preventative maintenance, careless or improper operation, or operator error.

- 2.12.2. Effect of any emergency. An emergency constitutes an affirmative defense to an action brought for noncompliance with such technology-based emission limitations if the conditions of Section 2.12.3 are met.
- 2.12.3. The affirmative defense of emergency shall be demonstrated through properly signed, contemporaneous operating logs, or other relevant evidence that:
 - a. An emergency occurred and that the permittee can identify the cause(s) of the emergency;
 - b. The permitted facility was at the time being properly operated;
 - c. During the period of the emergency the permittee took all reasonable steps to minimize levels of emissions that exceeded the emission standards, or other requirements in the permit; and,
 - d. The permittee submitted notice of the emergency to the Secretary within one (1) working day of the time when emission limitations were exceeded due to the emergency and made a request for variance, and as applicable rules provide. This notice must contain a detailed description of the emergency, any steps taken to mitigate emission, and corrective actions taken.
- 2.12.4. In any enforcement proceeding, the permittee seeking to establish the occurrence of an emergency has the burden of proof.
- 2.12.5. The provisions of this section are in addition to any emergency or upset provision contained in any applicable requirement.

2.13. Need to Halt or Reduce Activity Not a Defense

It shall not be a defense for a permittee in an enforcement action that it should have been necessary to halt or reduce the permitted activity in order to maintain compliance with the conditions of this permit. However, nothing in this paragraph shall be construed as precluding consideration of a need to halt or reduce activity as a mitigating factor in determining penalties for noncompliance if the health, safety, or environmental impacts of halting or reducing operations would be more serious than the impacts of continued operations.

2.14. Suspension of Activities

In the event the permittee should deem it necessary to suspend, for a period in excess of sixty (60) consecutive calendar days, the operations authorized by this permit, the permittee shall notify the Secretary, in writing, within two (2) calendar weeks of the passing of the sixtieth (60) day of the suspension period.

2.15. Property Rights

This permit does not convey any property rights of any sort or any exclusive privilege.

2.16. Severability

The provisions of this permit are severable and should any provision(s) be declared by a court of competent jurisdiction to be invalid or unenforceable, all other provisions shall remain in full force and effect.

2.17. Transferability

This permit is transferable in accordance with the requirements outlined in Section 10.1 of 45CSR13. [45CSR§13-10.1]

2.18. Notification Requirements

The permittee shall notify the Secretary, in writing, no later than thirty (30) calendar days after the actual startup of the operations authorized under this permit.

2.19. Credible Evidence

Nothing in this permit shall alter or affect the ability of any person to establish compliance with, or a violation of, any applicable requirement through the use of credible evidence to the extent authorized by law. Nothing in this permit shall be construed to waive any defense otherwise available to the permittee including, but not limited to, any challenge to the credible evidence rule in the context of any future proceeding.

3.0. Facility-Wide Requirements

3.1. Limitations and Standards

- 3.1.1. **Open burning.** The open burning of refuse by any person, firm, corporation, association or public agency is prohibited except as noted in 45CSR§6-3.1.
[45CSR§6-3.1.]
- 3.1.2. **Open burning exemptions.** The exemptions listed in 45CSR§6-3.1 are subject to the following stipulation: Upon notification by the Secretary, no person shall cause, suffer, allow or permit any form of open burning during existing or predicted periods of atmospheric stagnation. Notification shall be made by such means as the Secretary may deem necessary and feasible.
[45CSR§6-3.2.]
- 3.1.3. **Asbestos.** The permittee is responsible for thoroughly inspecting the facility, or part of the facility, prior to commencement of demolition or renovation for the presence of asbestos and complying with 40 C.F.R. § 61.145, 40 C.F.R. § 61.148, and 40 C.F.R. § 61.150. The permittee, owner, or operator must notify the Secretary at least ten (10) working days prior to the commencement of any asbestos removal on the forms prescribed by the Secretary if the permittee is subject to the notification requirements of 40 C.F.R. § 61.145(b)(3)(i). The USEPA, the Division of Waste Management and the Bureau for Public Health - Environmental Health require a copy of this notice to be sent to them.
[40CFR§61.145(b) and 45CSR§34]
- 3.1.4. **Odor.** No person shall cause, suffer, allow or permit the discharge of air pollutants which cause or contribute to an objectionable odor at any location occupied by the public.
[45CSR§4-3.1 State-Enforceable only.]
- 3.1.5. **Permanent shutdown.** A source which has not operated at least 500 hours in one 12-month period within the previous five (5) year time period may be considered permanently shutdown, unless such source can provide to the Secretary, with reasonable specificity, information to the contrary. All permits may be modified or revoked and/or reapplication or application for new permits may be required for any source determined to be permanently shutdown.
[45CSR§13-10.5.]
- 3.1.6. **Standby plan for reducing emissions.** When requested by the Secretary, the permittee shall prepare standby plans for reducing the emissions of air pollutants in accordance with the objectives set forth in Tables I, II, and III of 45 C.S.R. 11.
[45CSR§11-5.2.]

3.2. Monitoring Requirements

[Reserved]

3.3. Testing Requirements

- 3.3.1. **Stack testing.** As per provisions set forth in this permit or as otherwise required by the Secretary, in accordance with the West Virginia Code, underlying regulations, permits and orders, the permittee shall conduct test(s) to determine compliance with the emission limitations set forth in this permit

and/or established or set forth in underlying documents. The Secretary, or his duly authorized representative, may at his option witness or conduct such test(s). Should the Secretary exercise his option to conduct such test(s), the operator shall provide all necessary sampling connections and sampling ports to be located in such manner as the Secretary may require, power for test equipment and the required safety equipment, such as scaffolding, railings and ladders, to comply with generally accepted good safety practices. Such tests shall be conducted in accordance with the methods and procedures set forth in this permit or as otherwise approved or specified by the Secretary in accordance with the following:

- a. The Secretary may on a source-specific basis approve or specify additional testing or alternative testing to the test methods specified in the permit for demonstrating compliance with 40 C.F.R. Parts 60, 61, and 63 in accordance with the Secretary's delegated authority and any established equivalency determination methods which are applicable. If a testing method is specified or approved which effectively replaces a test method specified in the permit, the permit may be revised in accordance with 45CSR§13-4 or 45CSR§13-5.4 as applicable.
- b. The Secretary may on a source-specific basis approve or specify additional testing or alternative testing to the test methods specified in the permit for demonstrating compliance with applicable requirements which do not involve federal delegation. In specifying or approving such alternative testing to the test methods, the Secretary, to the extent possible, shall utilize the same equivalency criteria as would be used in approving such changes under Section 3.3.1.a. of this permit. If a testing method is specified or approved which effectively replaces a test method specified in the permit, the permit may be revised in accordance with 45CSR§13-4 or 45CSR§13-5.4 as applicable.
- c. All periodic tests to determine mass emission limits from or air pollutant concentrations in discharge stacks and such other tests as specified in this permit shall be conducted in accordance with an approved test protocol. Unless previously approved, such protocols shall be submitted to the Secretary in writing at least thirty (30) days prior to any testing and shall contain the information set forth by the Secretary. In addition, the permittee shall notify the Secretary at least fifteen (15) days prior to any testing so the Secretary may have the opportunity to observe such tests. This notification shall include the actual date and time during which the test will be conducted and, if appropriate, verification that the tests will fully conform to a referenced protocol previously approved by the Secretary.
- d. The permittee shall submit a report of the results of the stack test within sixty (60) days of completion of the test. The test report shall provide the information necessary to document the objectives of the test and to determine whether proper procedures were used to accomplish these objectives. The report shall include the following: the certification described in paragraph 3.5.1.; a statement of compliance status, also signed by a responsible official; and, a summary of conditions which form the basis for the compliance status evaluation. The summary of conditions shall include the following:
 1. The permit or rule evaluated, with the citation number and language;
 2. The result of the test for each permit or rule condition; and,
 3. A statement of compliance or noncompliance with each permit or rule condition.

[WV Code § 22-5-4(a)(14-15) and 45CSR13]

3.4. Recordkeeping Requirements

- 3.4.1. **Retention of records.** The permittee shall maintain records of all information (including monitoring data, support information, reports and notifications) required by this permit recorded in a form suitable and readily available for expeditious inspection and review. Support information includes all calibration and maintenance records and all original strip-chart recordings for continuous monitoring instrumentation. The files shall be maintained for at least five (5) years following the date of each occurrence, measurement, maintenance, corrective action, report, or record. At a minimum, the most recent two (2) years of data shall be maintained on site. The remaining three (3) years of data may be maintained off site, but must remain accessible within a reasonable time. Where appropriate, the permittee may maintain records electronically (on a computer, on computer floppy disks, CDs, DVDs, or magnetic tape disks), on microfilm, or on microfiche.
- 3.4.2. **Odors.** For the purposes of 45CSR4, the permittee shall maintain a record of all odor complaints received, any investigation performed in response to such a complaint, and any responsive action(s) taken.
[45CSR§4. *State-Enforceable only.*]

3.5. Reporting Requirements

- 3.5.1. **Responsible official.** Any application form, report, or compliance certification required by this permit to be submitted to the DAQ and/or USEPA shall contain a certification by the responsible official that states that, based on information and belief formed after reasonable inquiry, the statements and information in the document are true, accurate and complete.
- 3.5.2. **Confidential information.** A permittee may request confidential treatment for the submission of reporting required by this permit pursuant to the limitations and procedures of W.Va. Code § 22-5-10 and 45CSR31.
- 3.5.3. **Correspondence.** All notices, requests, demands, submissions and other communications required or permitted to be made to the Secretary of DEP and/or USEPA shall be made in writing and shall be deemed to have been duly given when delivered by hand, or mailed first class with postage prepaid to the address(es) set forth below or to such other person or address as the Secretary of the Department of Environmental Protection may designate:

If to the DAQ:

Director
WVDEP
Division of Air Quality
601 57th Street, SE
Charleston, WV 25304-2345

If to the USEPA:

Associate Director
Office of Air Enforcement and Compliance Assistance
(3AP20)
U. S. Environmental Protection Agency
Region III
1650 Arch Street
Philadelphia, PA 19103-2029

3.5.4. Operating Fee.

- 3.5.4.1. In accordance with 45CSR22 – Air Quality Management Fee Program, the permittee shall not operate nor cause to operate the permitted facility or other associated facilities on the same or contiguous sites comprising the plant without first obtaining and having in current effect a Certificate to Operate (CTO). Such Certificate to Operate (CTO) shall be renewed annually, shall be maintained on the premises for which the certificate has been issued, and shall be made immediately available for inspection by the Secretary or his/her duly authorized representative.
- 3.5.5. **Emission inventory.** At such time(s) as the Secretary may designate, the permittee herein shall prepare and submit an emission inventory for the previous year, addressing the emissions from the facility and/or process(es) authorized herein, in accordance with the emission inventory submittal requirements of the Division of Air Quality. After the initial submittal, the Secretary may, based upon the type and quantity of the pollutants emitted, establish a frequency other than on an annual basis.

4.0. Source-Specific Requirements [Control Devices in Section 1.0, Emission Units Table]

4.1. Limitations and Standards

- 4.1.1. **Operation and Maintenance of Air Pollution Control Equipment.** The permittee shall, to the extent practicable, install, maintain, and operate all pollution control equipment listed in Section 1.0 and associated monitoring equipment in a manner consistent with safety and good air pollution control practices for minimizing emissions, or comply with any more stringent limits set forth in this permit or as set forth by any State rule, Federal regulation, or alternative control plan approved by the Secretary.

[45CSR §13-5.11.]

4.4. Recordkeeping Requirements

- 4.4.1. **Record of Monitoring.** The permittee shall keep records of monitoring information that include the following:
- a. The date, place as defined in this permit and time of sampling or measurements;
 - b. The date(s) analyses were performed;
 - c. The company or entity that performed the analyses;
 - d. The analytical techniques or methods used;
 - e. The results of the analyses; and
 - f. The operating conditions existing at the time of sampling or measurement.
- 4.4.2. **Record of Maintenance of Air Pollution Control Equipment.** For all pollution control equipment listed in Section 1.0, the permittee shall maintain accurate records of all required pollution control equipment inspection and/or preventative maintenance procedures.
- 4.4.3. **Record of Malfunctions of Air Pollution Control Equipment.** For all air pollution control equipment listed in Section 1.0, the permittee shall maintain records of the occurrence and duration of any malfunction or operational shutdown of the air pollution control equipment during which excess emissions occur. For each such case, the following information shall be recorded:
- a. The equipment involved.
 - b. Steps taken to minimize emissions during the event.
 - c. The duration of the event.
 - d. The estimated increase in emissions during the event.

For each such case associated with an equipment malfunction, the additional information shall also be recorded:

- e. The cause of the malfunction.
- f. Steps taken to correct the malfunction.
- g. Any changes or modifications to equipment or procedures that would help prevent future recurrences of the malfunction.

5.0. Source-Specific Requirements [Burnout Ovens: 1S and 2S]

5.1. Limitations and Standards

5.1.1.a. The material charging rate/load to the natural gas-fired Steelman Burnout Oven (1S - Emission Unit ID; 1E - Emission Point ID) shall not exceed 6,000 lb/hr.

5.1.1.b. Emissions from the Steelmen Burnout Oven (1S) shall not exceed the following limitations:

Pollutant	Emission Rate	
	(lb/hr)	(ton/yr)
Particulate Matter (PM ₁₀)	0.03	0.13
Nitrogen Oxides (NO _x)	0.15	0.63
Carbon Monoxide (CO)	0.02	0.07
⁽¹⁾ Volatile Organic Compounds (VOC)	0.03	0.13

(1) VOC emission rate controlled by Afterburner 1C.

5.1.2.a. The material charging rate/load to the natural gas-fired Bayco Burnout Oven (2S - Emission Unit ID; 2E - Emission Point ID) shall not exceed 1,628 lb/hr.

5.1.2.b. Emissions from the Bayco Burnout Oven (2S) shall not exceed the following limitations:

Pollutant	Emission Rate	
	(lb/hr)	(ton/yr)
Particulate Matter (PM ₁₀)	0.14	0.60
Nitrogen Oxides (NO _x)	0.20	0.88
Carbon Monoxide (CO)	0.10	0.43
⁽¹⁾ Volatile Organic Compounds (VOC)	0.04	0.15

(1) VOC emission rate controlled by Afterburner 2C.

5.1.3. The exhaust streams from the Steelman Burnout Oven (1S) and the Bayco Burnout Oven (2S) shall be vented to each of the ovens's respective afterburners (1C and 2C) to control VOC emissions. Each of the afterburners shall be in place and functioning before their respective burnout oven can be placed into operation.

- 5.1.4.a. No person shall cause or allow particulate matter to be discharged from any incinerator into the open air in excess of the quantity determined by use of the following formula:

$$\text{Emissions (lb/hr)} = F \times \text{Incinerator Capacity (tons/hr)}$$

Where, the factor, F, is as indicated in Table I below:

Table I: Factor, F, for Determining Maximum Allowable Particulate Emissions.

Incinerator Capacity	Factor F
A. Less than 15,000 lbs/hr	5.43
B. 15,000 lbs/hr or greater	2.72

[45CSR§6-4.1.]

- 5.1.4.b. Compliance with 45CSR§6-4.1. shall be demonstrated through compliance with the more stringent particulate emission limits set in Sections 5.1.1.b. and 5.1.2.b. of this permit.
- 5.1.5. Emission of Visible Particulate Matter. -- No person shall cause or allow emission of smoke into the atmosphere from any incinerator which is twenty percent (20%) opacity or greater. [45CSR§6-4.3.]
- 5.1.6. The provisions of subsection 4.3 shall not apply to smoke which is less than forty percent (40%) opacity, for a period or periods aggregating no more than eight (8) minutes per start-up, or six (6) minutes in any sixty (60)-minute period for stoking operations. [45CSR§6-4.4.]
- 5.1.7. Incinerators, including all associated equipment and grounds, shall be designed, operated and maintained so as to prevent the emission of objectionable odors. [45CSR§6-4.6.]

5.2. Monitoring Requirements

- 5.2.1. For the purpose of determining compliance with the opacity limit given in Section 5.1.5 (per 45CSR6-4.3), the permittee shall conduct visible emission checks and/or opacity monitoring and recordkeeping for each of the Burnout Ovens (1S and 2S).

The visible emission checks shall determine the presence or absence of visible emissions. At a minimum, the observer must be trained and knowledgeable regarding the effects of background contrast, ambient lighting, observer position relative to lighting, wind, and the presence of uncombined water (condensing water vapor) on the visibility of emissions. This training may be obtained from written materials found in the References 1 and 2 from 40CFR Part 60, Appendix A, Method 22 or from the lecture portion of the 40CFR Part 60, Appendix A, Method 9 certification course.

Visible emission checks shall be conducted for the Burnout/Char Ovens (1S and 2S) at least once per calendar month with a maximum of forty-five (45) days between consecutive readings. These checks shall be performed at the Burnout/Char Ovens emission points (1E and 2E) for a sufficient time interval, but no less than one (1) minute, to determine if any visible emissions are present. Visible emission checks shall be performed during periods of normal facility operation and appropriate weather conditions.

If visible emissions are present at a Burnout/Char Oven for three (3) consecutive monthly checks, the permittee shall conduct an opacity reading at that source using the procedures and requirements of Method 9 as soon as practicable, but within seventy-two (72) hours of the final visual emission check. A Method 9 observation at a source(s) restarts the count of the number of consecutive readings with the presence of visible emissions.

5.3. Testing Requirements

See Section 3.3. Facility-Wide Testing Requirements.

5.4. Recordkeeping Requirements

5.4.1. Record of Material Charging Rate and Hours of Burnout Oven Operation (1S and 2S).

For the purpose of determining compliance with the material charging limitations set forth in Sections 5.1.1.a. and 5.1.2.a. of this permit, the permittee shall record on a daily basis the material charging rate and the number of hours of operation from each Burnout Ovens (1S and 2S). These records shall be maintained on-site for a period of not less than three (3) years and shall be made available to the Director or his duly authorized representative upon request.

5.4.2. Record of Monthly Opacity Reading For Individual Burnout Oven Operation (1S and 2S).

For the purpose of demonstrating compliance with the opacity limit set forth in Section 5.1.5 (per 45CSR6-4.3), the permittee shall maintain records (see example form given in attached Appendix A) of all monitoring data documenting the date and time of each visible emission check, the emission point or equipment/source identification number, the name or means of identification of the observer, the results of the check(s), whether the visible emissions are normal for the process, and, if applicable, all corrective measures taken or planned. The permittee shall also record the general weather conditions (i.e. sunny, approximately 80°F, 6-10 mph NE wind) during the visual emission check(s). Should a visible emission observation be required to be performed per the requirements specified in Method 9, the data records of each observation shall be maintained per the requirements of Method 9. For an emission unit out of service during the normal monthly evaluation, the record of observation may note "out of service" (O/S) or equivalent.

5.5. Reporting Requirements

- 5.5.1. Any violation(s) of the allowable visible emission requirement for any emission source discovered during observations using 40CFR Part 60, Appendix A, Method 9 must be reported in writing to the Director of the Division of Air Quality as soon as practicable, but within ten (10) calendar days, of the occurrence and shall include, at a minimum, the following information: the results of the visible determination of opacity of emissions, the cause or suspected cause of the violation(s), and any corrective measures taken or planned.

6.0. Source-Specific Requirements [Bake/Cure Ovens: 3S and 4S]

6.1. Limitations and Standards

6.1.1.a. The material charging rate/load to the natural gas-fired Steelman Bake/Cure Oven (3S - Emission Unit ID; 3E - Emission Point ID) shall not exceed 6,000 lb/hr.

6.1.1.b. Emissions from the Steelman Bake/Cure Oven (3S) shall not exceed the following limitations:

Pollutant	Emission Rate	
	(lb/hr)	(ton/yr)
Particulate Matter (PM ₁₀)	0.02	0.09
Nitrogen Oxides (NO _x)	0.02	0.09
Carbon Monoxide (CO)	0.01	0.05
Volatile Organic Compounds (VOC)	0.01	0.05

6.1.2.a. The material charging rate/load to the natural gas-fired Bayco Bake/Cure Oven (4S - Emission Unit ID; 4E - Emission Point ID) shall not exceed 1,600 lb/hr.

6.1.2.b. Emissions from the natural gas-fired Bayco/Cure Oven (4S) shall not exceed the following limitations:

Pollutant	Emission Rate	
	(lb/hr)	(ton/yr)
Particulate Matter (PM ₁₀)	0.14	0.60
Nitrogen Oxides (NO _x)	0.20	0.88
Carbon Monoxide (CO)	0.10	0.43
Volatile Organic Compounds (VOC)	0.04	0.15

6.1.3. No person shall cause, suffer, allow or permit emission of smoke and/or particulate matter into the open air from any process source operation which is greater than twenty (20) percent opacity, except as noted in subsections 3.2, 3.3, 3.4, 3.5, 3.6, and 3.7.
[45CSR §7-3.1.]

6.1.4. No person shall cause, suffer, allow or permit particulate matter to be vented into the open air from any type source operation or duplicate source operation, or from all air pollution

control equipment installed on any type source operation or duplicate source operation in excess of the quantity specified under the appropriate source operation type in Table 45-7A found at the end of this rule.

[45CSR §7-4.1.]

6.1.5. Compliance with 45CSR§7-4.1. shall be demonstrated through compliance with the more stringent particulate emission limits ste in Sections 6.1.1.b. and 6.1.2.b. of this permit.

6.1.6. No person shall cause, suffer, allow or permit any manufacturing process or storage structure generating fugitive particulate matter to operate that is not equipped with a system, which may include, but not be limited to, process equipment design, control equipment design or operation and maintenance procedures, to minimize the emissions of fugitive particulate matter. To minimize means such system shall be installed, maintained and operated to ensure the lowest fugitive particulate matter emissions reasonably achievable.
[45CSR §7-5.1.]

6.1.7. At such reasonable times as the Director may designate, the operator of any manufacturing process source operation may be required to conduct or have conducted stack tests to determine the particulate matter loading in exhaust gases. Such tests shall be conducted in such manner as the Director may specify and be filed on forms and in a manner acceptable to the Director. The Director, or his duly authorized representative, may at his option witness or conduct such stack tests. Should the Director exercise his option to conduct such tests, the operator will provide all the necessary sampling connections and sampling ports to be located in such manner as the Director may require, power for test equipment and the required safety equipment such as scaffolding, railings and ladders to comply with generally accepted good safety practices.
[45CSR §7-8.1.]

6.1.8. The Director, or his duly authorized representative, may conduct such other tests as he or she may deem necessary to evaluate air pollution emissions.
[45CSR §7-8.2.]

6.1.9. Due to unavoidable malfunction of equipment, emissions exceeding those set forth in this rule may be permitted by the Director for periods not to exceed ten (10) days upon specific application to the Director. Such application shall be made within twenty-four (24) hours of the malfunction. In cases of major equipment failure, additional time periods may be granted by the Director provided a corrective program has been submitted by the owner or operator and approved by the Director.
[45CSR §7-9.1.]

6.2. Monitoring Requirements

6.2.1. For the purpose of determining compliance with the opacity limit given in Section 6.1.3. (per 45CSR7-3.1), the permittee shall conduct visible emission checks and/or opacity monitoring and recordkeeping for each of the Bake Ovens (Cure) (3S and 4S).

The visible emission checks shall determine the presence or absence of visible emissions. At a minimum, the observer must be trained and knowledgeable regarding the effects of background contrast, ambient lighting, observer position relative to lighting, wind, and the presence of uncombined water (condensing water vapor) on the visibility of emissions. This training may be obtained from written materials found in the References 1 and 2 from 40CFR Part 60, Appendix A, Method 22 or from the lecture portion of the 40CFR Part 60, Appendix A, Method 9 certification course.

Visible emission checks shall be conducted for the Bake Ovens (Cure) (3S and 4S) at least once per calendar month with a maximum of forty-five (45) days between consecutive readings. These checks shall be performed at the Bake Ovens (Cure) emission points (3E and 4E) for a sufficient time interval, but no less than one (1) minute, to determine if any visible emissions are present. Visible emission checks shall be performed during periods of normal facility operation and appropriate weather conditions.

If visible emissions are present at a Bake Ovens (Cure) for three (3) consecutive monthly checks, the permittee shall conduct an opacity reading at that source using the procedures and requirements of Method 9 as soon as practicable, but within seventy-two (72) hours of the final visual emission check. A Method 9 observation at a source(s) restarts the count of the number of consecutive readings with the presence of visible emissions.

6.3. Testing Requirements

See Section 3.3. Facility-Wide Testing Requirements.

6.4. Recordkeeping Requirements

6.4.1. Record of Material Charging Rate and Hours of Individual Bake Oven (Cure) Operation (3S and 4S). For the purpose of determining compliance with the material charging limitations set forth in Sections 6.1.1.a. and 6.1.2.a. of this permit, the permittee shall record on a daily basis the material charging rate and the number of hours of operation for each individual Bake (Cure) Oven (3S and 4S). These records shall be maintained on-site for a period of not less than three (3) years and shall be made available to the Director or his duly authorized representative upon request.

6.4.2. Record of Monthly Opacity Reading For Individual Bake Oven (Cure) Operation (3S and 4S). For the purpose of demonstrating compliance with the opacity limit given in Section 6.1.3 (per 45CSR7-3.1), the permittee shall maintain records (see example form given in attached Appendix A) of all monitoring data documenting the date and time of each visible emission check, the emission point or equipment/source identification number, the name or means of identification of the observer, the results of the check(s), whether the visible emissions are normal for the process, and, if applicable, all corrective measures taken or planned. The permittee shall also record the general weather conditions (i.e. sunny, approximately 80°F, 6-10 mph NE wind) during the visual emission check(s). Should a visible emission observation be required to be performed per the requirements specified in Method 9, the data records of each observation shall be maintained per the

requirements of Method 9. For an emission unit out of service during the normal monthly evaluation, the record of observation may note “out of service” (O/S) or equivalent.

6.5. Reporting Requirements

- 6.5.1. Any violation(s) of the allowable visible emission requirement for any emission source discovered during observations using 40CFR Part 60, Appendix A, Method 9 must be reported in writing to the Director of the Division of Air Quality as soon as practicable, but within ten (10) calendar days, of the occurrence and shall include, at a minimum, the following information: the results of the visible determination of opacity of emissions, the cause or suspected cause of the violation(s), and any corrective measures taken or planned.

7.0. Source-Specific Requirements [Paint Booth (5S), VPI (6S), Varnish Dip Tanks (7S and 8S), Parts Cleaner (9S), and Abrasive Blast booths (10S and 11S)]

7.1. Limitations and Standards

7.1.1. The facility-wide emission rate of Hazardous Air Pollutants (HAPs) shall not exceed, on a per HAP basis, ten (10) tons per year, or on a total HAP basis, 25 tons per year. Listed below are HAPs recognized as being used at the facility:

Hazardous Air Pollutant (HAP)	CAS #
Ethylbenzene	100-41-4
Tetrachloroethylene (Perchloroethylene)	127-18-4
Toluene	108-88-3
Xylene	1330-20-7

The use of any new surface coating containing any constituent identified in Section 112(b) of the 1990 Clean Air Act Amendments as a HAP and already listed in the table above shall be in accordance with items "b." through "d." below. A new surface coating containing a HAP not already listed in the table above shall be in accordance with items "a." through "d." below.

- a. The permittee shall notify the Director in writing of the surface coating to be used and the HAP(s) contained therein within thirty (30) days of the use of the surface coating. Additionally, an MSDS sheet for the surface coating shall be supplied at this time to the Director.
- b. The use of the new surface coating shall be incorporated into the record keeping requirements used by the company to show compliance.
- c. Emissions from the use of the new surface coating when combined with emissions from surface coatings already in use shall not exceed:
 - The facility-wide, single HAP emission limit of 10 ton/yr,
 - The facility-wide, total/aggregated HAP emission limit of 25 ton/yr, and
 - The hourly or annual VOC emission limitations given in Sections 7.1.3 thru 7.1.7 of this permit.
- d. For the purposes of this permit, surface coatings shall be defined as a material applied onto, or impregnated into, a substrate for protective, decorative, or functional purposes. Such materials include, but are not limited to, stains, thinners, solvents, sealers, varnishes, paints, primers, catalysts, acrylics, lacquers, and temporary protective coatings, or combinations of the above materials as applied.

- 7.1.2. All emissions from Paint Booth (5S) shall be vented through the filter system having a minimum PM control efficiency of 90%. The filter system shall be in place, properly maintained and functioning before the booth is placed into operation.
- 7.1.3. Emissions from the filter system located downstream of the Paint Booth (5S - Emission Unit ID; 5E - Emission Point ID) shall not exceed the following hourly and annual emission limitations:

Pollutant	Emission Limitation	
	Hourly (lb/hr)	Annual ⁽²⁾ (ton/yr)
PM ₁₀	1.69 ⁽¹⁾	0.12 ⁽¹⁾
Volatile Organic Compounds (VOC)	23.9	1.47
(1) Controlled PM ₁₀ emissions after filter system having a minimum PM ₁₀ control efficiency of 90%. (2) Based on operating the Paint Booth (5S) a maximum of 1,095 hours per year.		

- 7.1.4. Cleaning solvent VOC emissions shall not exceed 15 lb/hr and 3,600 pounds per year (based on using 500 gallons/yr of xylene with a weight of 7.2 lb/gallon).
- 7.1.5. VOC emissions from the Vacuum Pressure Impregnation System (VPI) (6S - Emission Unit ID; 6E - Emission Point ID) shall not exceed 1.0 lb/hr and 0.49 ton/yr.
- 7.1.6. VOC emissions from the Varnish Dip Tanks (7S and 8S - Emission Unit IDs; 7E and 9E - Emission Point ID) shall not exceed 1.0 lb/hr and 0.42 ton/yr per each tank.
- 7.1.7. VOC emissions from the Parts Cleaner (9S - Emission Unit ID; 94 - Emission Point ID) shall not exceed 1.0 lb/hr and 0.71 ton/yr.
- 7.1.8. The Parts Cleaner (9S) when not in use shall be covered to minimize VOC emissions to the atmosphere.
- 7.1.9. The Parts Cleaner (9S) is approved to use Safety Kleen solvent. The permittee shall notify the Director in writing if a solvent(s) other than Safety Kleen is/are to be used and the VOC(s) content of the solvent(s) within thirty (30) days of the use. Additionally, an MSDS sheet for each parts cleaning solvent(s) shall be submitted at this time to the Director.
- 7.1.10. The two (2) abrasive blast booths (Emission Unit IDs: 10S and 11S) shall use no more than 30,000 lb/yr of abrasive blast media.

The exhausts from the two (2) abrasive blast booths (Emission Point IDs: 10E and 11E) shall be vented to their respective dust collection filter assemblies (4C or 5C) to control PM emissions.

Each of the dust collection filter assemblies (4C and 5C) shall have a minimum control efficiency of 99% and shall be in place, and properly maintained and functioning when their respective abrasive blast cabinet (10S and 11S) is placed into operation.

7.1.11. No person shall cause, suffer, allow or permit emission of smoke and/or particulate matter into the open air from any process source operation which is greater than twenty (20) percent opacity, except as noted in subsections 3.2, 3.3, 3.4, 3.5, 3.6, and 3.7.
[45CSR §7-3.1.]

7.1.12. No person shall cause, suffer, allow or permit any manufacturing process or storage structure generating fugitive particulate matter to operate that is not equipped with a system, which may include, but not be limited to, process equipment design, control equipment design or operation and maintenance procedures, to minimize the emissions of fugitive particulate matter. To minimize means such system shall be installed, maintained and operated to ensure the lowest fugitive particulate matter emissions reasonably achievable.
[45CSR §7-5.1.]

7.1.13. At such reasonable times as the Director may designate, the operator of any manufacturing process source operation may be required to conduct or have conducted stack tests to determine the particulate matter loading in exhaust gases. Such tests shall be conducted in such manner as the Director may specify and be filed on forms and in a manner acceptable to the Director. The Director, or his duly authorized representative, may at his option witness or conduct such stack tests. Should the Director exercise his option to conduct such tests, the operator will provide all the necessary sampling connections and sampling ports to be located in such manner as the Director may require, power for test equipment and the required safety equipment such as scaffolding, railings and ladders to comply with generally accepted good safety practices.
[45CSR §7-8.1.]

7.1.14. The Director, or his duly authorized representative, may conduct such other tests as he or she may deem necessary to evaluate air pollution emissions.
[45CSR §7-8.2.]

7.1.15. Due to unavoidable malfunction of equipment, emissions exceeding those set forth in this rule may be permitted by the Director for periods not to exceed ten (10) days upon specific application to the Director. Such application shall be made within twenty-four (24) hours of the malfunction. In cases of major equipment failure, additional time periods may be granted by the Director provided a corrective program has been submitted by the owner or operator and approved by the Director.
[45CSR §7-9.1.]

7.2. Monitoring Requirements

7.2.1. **Paint Booth (5S) Opacity Monitoring.** For the purpose of determining compliance with the opacity limit given in Section 7.1.11. (per 45CSR7-3.1), the permittee shall conduct visible emission checks and/or opacity monitoring and record keeping for the Paint Booth (5S).

The visible emission checks shall determine the presence or absence of visible emissions. At a minimum, the observer must be trained and knowledgeable regarding the effects of background contrast, ambient lighting, observer position relative to lighting, wind, and the presence of uncombined water (condensing water vapor) on the visibility of emissions. This training may be obtained from written materials found in the References 1 and 2 from 40CFR Part 60, Appendix A, Method 22 or from the lecture portion of the 40CFR Part 60, Appendix A, Method 9 certification course.

Visible emission checks shall be conducted for the Paint Booth (5S) at least once per calendar month with a maximum of forty-five (45) days between consecutive readings. These checks shall be performed for a sufficient time interval, but no less than one (1) minute, to determine if any visible emissions are present. Visible emission checks shall be performed during periods of normal facility operation and appropriate weather conditions.

If visible emissions are present at the Paint Booth (5S) for three (3) consecutive monthly checks, the permittee shall conduct an opacity reading at that source using the procedures and requirements of Method 9 as soon as practicable, but within seventy-two (72) hours of the final visual emission check. A Method 9 observation at a source(s) restarts the count of the number of consecutive readings with the presence of visible emissions.

7.3. Testing Requirements

[Reserved]

7.4. Recordkeeping Requirements

7.4.5. **Paint Booth (5S) Operation.** For the purpose of determining compliance with the VOC emission limitations set forth in Section 7.1.3 of this permit, the permitted facility shall record on at least a monthly basis:

- the date and time, the name, identification number, and number of gallons of each coating used/applied,
- the pounds of VOC per gallon of each coating (minus water and exempt compounds), as applied. This value should take into account VOC added from thinner/solvent addition.

Using the above information, the permittee shall also calculate and record on a monthly basis:

1. Total monthly VOC emissions from the paint booth operation, as calculated using the following equation:

n

$$T = \sum_{I=1} A_I B_I$$

where:

T = Total VOC emissions from the Paint Booth (5S) in units in lb/month;

n = Number of different coatings applied during the month;

I = Subscript denoting an individual coating;

A_I = Mass of VOC per volume of coating (I) (minus water and exempt compounds), as applied, used in units of pounds VOC per gallon (lb VOC/gal); and

B_I = Volume of coating (I) (minus water and exempt compounds), as applied, in units of gallons per month (gal/mo)). The instrument or method by which the owner or operator accurately measured or calculated the volume of each coating, as applied, used shall be document.

2. The 12-month rolling total for VOC emissions from the paint booth operation.

These records shall be maintained on-site for a period of not less than three (3) years and shall be made available to the Director or his duly authorized representative upon request.

7.4.6. **Record of Monthly Opacity Reading For Paint Booth.** For the purpose of demonstrating compliance with the opacity limit given in Section 7.1.11 (per 45CSR7-3.1), the permittee shall maintain records (see example form given in attached Appendix A) of all monitoring data documenting the date and time of each visible emission check, the emission point or equipment/source identification number, the name or means of identification of the observer, the results of the check(s), whether the visible emissions are normal for the process, and, if applicable, all corrective measures taken or planned. The permittee shall also record the general weather conditions (i.e. sunny, approximately 80°F, 6-10 mph NE wind) during the visual emission check(s). Should a visible emission observation be required to be performed per the requirements specified in Method 9, the data records of each observation shall be maintained per the requirements of Method 9. For an emission unit out of service during the normal monthly evaluation, the record of observation may note "out of service" (O/S) or equivalent.

7.4.7. **Operation of VPI System and Varnish Dip Tanks.** For the purpose of determining compliance with the VOC limitations set forth in Sections 7.1.5 and 7.1.6 of this permit, the permitted facility shall record on at least a monthly basis for the VPI System and each of the dip tanks:

- the date and time, and the amount of varnish added to the VPI System and each of the dip tanks, and
- the VOC content of varnish used.

Using the above information, the permittee shall calculate and record on a monthly basis for the VPI System and each of the dip tanks:

1. The monthly and average hourly VOC emission rate and,
2. The 12-month rolling total for VOC emissions.

These records shall be maintained on-site for a period of not less than three (3) years and shall be made available to the Director or his duly authorized representative upon request.

7.4.8. Operation of Parts Cleaner (9S). For the purpose of minimizing VOC emissions as set forth in Sections 7.1.7 and 7.1.8 of this permit, the permitted facility shall record on at least a monthly basis:

- the date and time, and amount of cleaner solvent added,
- the VOC content of the parts cleaner solvent used, and
- the number of hours the cover of the parts cleaner (9S) was on.

Using the above information, the permittee shall calculate and record on a monthly basis for the parts cleaner:

1. The monthly and average hourly VOC emission rate and,
2. The 12-month rolling total for VOC emissions.

These records shall be maintained on-site for a period of not less than three (3) years and shall be made available to the Director or his duly authorized representative upon request.

7.4.9. Operation of Abrasive Blast booths. For the purpose of determining compliance with the limitation set forth in Section 7.1.10 of this permit, the permitted facility shall record on at least a monthly basis: the date and time, and amount of abrasive blast media added to each abrasive blast booth.

Using the above information, the permittee shall calculate and record on a monthly basis for the abrasive blast booths: the 12-month rolling total amount of abrasive blast media used.

These records shall be maintained on-site for a period of not less than three (3) years and shall be made available to the Director or his duly authorized representative upon request.

7.4.10. Cleaning Solvents Usage. For the purpose of determining compliance with the VOC limitations set forth in Section 7.1.4. of this permit, the permitted facility shall record on at least a monthly basis for cleaning solvent:

- the date and time, and amount of cleaning solvent(s) used, and
- the VOC content of the cleaning solvent(s) (if less than 100%).

Using the above information, the permittee shall calculate and record on a monthly basis for the cleaning solvent:

1. The monthly and average hourly VOC emission rate and,
2. The 12-month rolling total for VOC emissions.

These records shall be maintained on-site for a period of not less than three (3) years and shall be made available to the Director or his duly authorized representative upon request.

7.4.11. **Facility HAP Emission Rates.** For the purpose of determining compliance with the HAP emission rate limitations established in Section 7.1.1. of this permit, the permitted facility shall calculate on at least a monthly basis using information collected from the Paint Booth (5S) operation (coating and thinner) and from cleaning solvent(s) usage for the facility, 12-month rolling HAP emission totals for:

- each single HAP actively used at the facility and
- a total aggregated HAPs emission rate for the facility.

These records shall be maintained on-site for a period of not less than three (3) years and shall be made available to the Director or his duly authorized representative upon request.

7.5. Reporting Requirements

7.5.1. Per Section 7.2. of this permit:

The permittee shall notify the Director in writing of any new surface coating(s) containing any HAP(s) not listed in the section 7.1.1 table within thirty (30) days of using the new surface coating. An MSDS sheet for the surface coating shall be included with the notice to the Director.

7.5.2. Per Section 7.9. of this permit:

The permittee shall notify the Director in writing of any new parts solvent cleaner used in the parts cleaner (9S) and the VOC content of the cleaner within thirty (30) days of use. An MSDS sheet for the parts solvent cleaner shall be included with the notice to the Director.

CERTIFICATION OF DATA ACCURACY

I, the undersigned, hereby certify that, based on information and belief formed after reasonable inquiry, all information contained in the attached _____, representing the period beginning _____ and ending _____, and any supporting documents appended hereto, is true, accurate, and complete.

Signature¹ _____
(please use blue ink) Responsible Official or Authorized Representative Date

Name and Title _____
(please print or type) Name Title

Telephone No. _____ Fax No. _____

¹ This form shall be signed by a "Responsible Official." "Responsible Official" means one of the following:

- a. For a corporation: The president, secretary, treasurer, or vice-president of the corporation in charge of a principal business function, or any other person who performs similar policy or decision-making functions for the corporation, or a duly authorized representative of such person if the representative is responsible for the overall operation of one or more manufacturing, production, or operating facilities applying for or subject to a permit and either:
 - (I) the facilities employ more than 250 persons or have a gross annual sales or expenditures exceeding \$25 million (in second quarter 1980 dollars), or
 - (ii) the delegation of authority to such representative is approved in advance by the Director;
- b. For a partnership or sole proprietorship: a general partner or the proprietor, respectively;
- c. For a municipality, State, Federal, or other public entity: either a principal executive officer or ranking elected official. For the purposes of this part, a principal executive officer of a Federal agency includes the chief executive officer having responsibility for the overall operations of a principal geographic unit of the agency (e.g., a Regional Administrator of USEPA); or
- d. The designated representative delegated with such authority and approved in advance by the Director.