



State of Utah

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Department of  
Environmental Quality

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DIVISION OF AIR QUALITY  
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*Director*

10880

## Title V Operating Permit

**PERMIT NUMBER:** 4900152002

**DATE OF PERMIT:** May 7, 2009

Date of Last Revision: May 7, 2009

This Operating Permit is issued to, and applies to the following:

**Name of Permittee:**

Global Coatings Incorporated  
200 West 700 South  
PO Box 338  
Pleasant Grove, UT 84062

**Permitted Location:**

Steel Coating Application Facility  
200 West 700 South  
Pleasant Grove UT 84062

UTM coordinates: 437032 m Easting, 4468189 m Northing  
SIC code: 3479 (Metal Coating and Allied Services)

### UTAH AIR QUALITY BOARD

By:

Prepared By:

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M. Cheryl Heying, Executive Secretary

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Ron Reece

## **ENFORCEABLE DATES AND TIMELINES**

The following dates or timeframes are referenced in  
Section I: General Provisions of this permit.

Annual Certification Due: December 1 and on that date of every calendar year that this permit is in force.

Renewal application due: November 7, 2013

Permit expiration date: May 7, 2014

Definition of “prompt”: written notification within 14 days.

### **ABSTRACT**

Global Coatings Inc operates a surface coating plant in Pleasant Grove (Utah County). Activities conducted at the plant include: steel shot blasting, steel grit blasting, and application of high performance surface coatings to steel parts. Global Coatings Inc is a major source of xylene and combined hazardous air pollutants. Subpart MMMM National Emission Standards for Hazardous Air Pollutants for Surface Coating of Miscellaneous Metal Parts and Products applies to the facility.

## **OPERATING PERMIT HISTORY**

<b>Permit/Activity</b>	<b>Date Issued</b>	<b>Recorded Changes</b>
Title V renewal application (Project #OPP0108800002)	5/7/ 2009	Additions: Add Subpart MMMM language to the Title V Permit. CAM is not applicable to this renewal.
Title V initial application (Project #OPP0108800001)	12/22/2003	

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**Issued under authority of Utah Code Ann. Section 19-2-104 and 19-2-109.1, and in accordance with Utah Administrative Code R307-415 Operating Permit Requirements.**

All definitions, terms and abbreviations used in this permit conform to those used in Utah Administrative Code R307-101 and R307-415 (Rules), and 40 Code of Federal Regulations (CFR), except as otherwise defined in this permit. Unless noted otherwise, references cited in the permit conditions refer to the Rules.

Where a permit condition in Section I, General Provisions, partially recites or summarizes an applicable rule, the full text of the applicable portion of the rule shall govern interpretations of the requirements of the rule. In the case of a conflict between the Rules and the permit terms and conditions of Section II, Special Provisions, the permit terms and conditions of Section II shall govern except as noted in Provision I.M, Permit Shield.

## **SECTION I: GENERAL PROVISIONS**

### **I.A Federal Enforcement.**

All terms and conditions in this permit, including those provisions designed to limit the potential to emit, are enforceable by the EPA and citizens under the Clean Air Act of 1990 (CAA) except those terms and conditions that are specifically designated as "State Requirements". (R307-415-6b)

### **I.B Permitted Activity(ies).**

Except as provided in R307-415-7b(1), the permittee may not operate except in compliance with this permit. (See also Provision I.E, Application Shield)

### **I.C Duty to Comply.**

I.C.1 The permittee must comply with all conditions of the operating permit. Any permit noncompliance constitutes a violation of the Air Conservation Act and is grounds for any of the following: enforcement action; permit termination; revocation and reissuance; modification; or denial of a permit renewal application. (R307-415-6a(6)(a))

I.C.2 It shall not be a defense for a permittee in an enforcement action that it would have been necessary to halt or reduce the permitted activity in order to maintain compliance with the conditions of this permit. (R307-415-6a(6)(b))

I.C.3 The permittee shall furnish to the Executive Secretary, within a reasonable time, any information that the Executive Secretary may request in writing to determine whether cause exists for modifying, revoking and reissuing, or terminating this permit or to determine compliance with this permit. Upon request, the permittee shall also furnish to the Executive Secretary copies of records required to be kept by this permit or, for information claimed to be confidential, the permittee may furnish such records directly to the EPA along with a claim of confidentiality. (R307-415-6a(6)(e))

I.C.4 This permit may be modified, revoked, reopened, and reissued, or terminated for cause. The filing of a request by the permittee for a permit modification, revocation and reissuance, or termination, or of a notification of planned changes or anticipated noncompliance shall not stay any permit condition, except as provided under R307-415-7f(1) for minor permit modifications. (R307-415-6a(6)(c))

### **I.D Permit Expiration and Renewal.**

I.D.1 This permit is issued for a fixed term of five years and expires on the date shown under "Enforceable Dates and Timelines" at the front of this permit. (R307-415-6a(2))

I.D.2 Application for renewal of this permit is due on or before the date shown under "Enforceable Dates and Timelines" at the front of this permit. An application may be submitted early for any reason. (R307-415-5a(1)(c))

I.D.3 An application for renewal submitted after the due date listed in I.D.2 above shall be accepted for processing, but shall not be considered a timely application and shall not relieve the permittee of any enforcement actions resulting from submitting a late application. (R307-415-5a(5))

I.D.4 Permit expiration terminates the permittee's right to operate unless a timely and complete renewal application is submitted consistent with R307-415-7b (see also Provision I.E, Application Shield) and R307-415-5a(1)(c) (see also Provision I.D.2). (R307-415-7c(2))

**I.E Application Shield.**

If the permittee submits a timely and complete application for renewal, the permittee's failure to have an operating permit will not be a violation of R307-415, until the Executive Secretary takes final action on the permit renewal application. In such case, the terms and conditions of this permit shall remain in force until permit renewal or denial. This protection shall cease to apply if, subsequent to the completeness determination required pursuant to R307-415-7a(3), and as required by R307-415-5a(2), the applicant fails to submit by the deadline specified in writing by the Executive Secretary any additional information identified as being needed to process the application. (R307-415-7b(2))

**I.F Severability.**

In the event of a challenge to any portion of this permit, or if any portion of this permit is held invalid, the remaining permit conditions remain valid and in force. (R307-415-6a(5))

**I.G Permit Fee.**

I.G.1 The permittee shall pay an annual emission fee to the Executive Secretary consistent with R307-415-9. (R307-415-6a(7))

I.G.2 The emission fee shall be due on October 1 of each calendar year or 45 days after the source receives notice of the amount of the fee, whichever is later. (R307-415-9(4)(a))

**I.H No Property Rights.**

This permit does not convey any property rights of any sort, or any exclusive privilege. (R307-415-6a(6)(d))

**I.I Revision Exception.**

No permit revision shall be required, under any approved economic incentives, marketable permits, emissions trading and other similar programs or processes for changes that are provided for in this permit. (R307-415-6a(8))

**I.J Inspection and Entry.**

- I.J.1 Upon presentation of credentials and other documents as may be required by law, the permittee shall allow the Executive Secretary or an authorized representative to perform any of the following:
- I.J.1.a Enter upon the permittee's premises where the source is located or emissions related activity is conducted, or where records are kept under the conditions of this permit. (R307-415-6c(2)(a))
- I.J.1.b Have access to and copy, at reasonable times, any records that must be kept under the conditions of this permit. (R307-415-6c(2)(b))
- I.J.1.c Inspect at reasonable times any facilities, equipment (including monitoring and air pollution control equipment), practice, or operation regulated or required under this permit. (R307-415-6c(2)(c))
- I.J.1.d Sample or monitor at reasonable times substances or parameters for the purpose of assuring compliance with this permit or applicable requirements. (R307-415-6c(2)(d))
- I.J.2 Any claims of confidentiality made on the information obtained during an inspection shall be made pursuant to Utah Code Ann. Section 19-1-306. (R307-415-6c(2)(e))

**I.K Certification.**

Any application form, report, or compliance certification submitted pursuant to this permit shall contain certification as to its truth, accuracy, and completeness, by a responsible official as defined in R307-415-3. This certification shall state that, based on information and belief formed after reasonable inquiry, the statements and information in the document are true, accurate, and complete. (R307-415-5d)

**I.L Compliance Certification.**

- I.L.1 Permittee shall submit to the Executive Secretary an annual compliance certification, certifying compliance with the terms and conditions contained in this permit, including emission limitations, standards, or work practices. This certification shall be submitted no later than the date shown under "Enforceable Dates and Timelines" at the front of this permit, and that date each year following until this permit expires. The certification shall include all the following (permittee may cross-reference this permit or previous reports): (R307-415-6c(5))
  - I.L.1.a The identification of each term or condition of this permit that is the basis of the certification;
  - I.L.1.b The identification of the methods or other means used by the permittee for determining the compliance status with each term and condition during the certification period. Such methods and other means shall include, at a minimum, the monitoring and related recordkeeping and reporting requirements in this permit. If necessary, the permittee also shall identify any other material information that must be included in the certification to comply with section 113(c)(2) of the Act, which prohibits knowingly making a false certification or omitting material information;
  - I.L.1.c The status of compliance with the terms and conditions of the permit for the period covered by the certification, including whether compliance during the period was continuous or intermittent. The certification shall be based on the method or means designated in Provision I.L.1.b. The certification shall identify each deviation and take it into account in

the compliance certification. The certification shall also identify as possible exceptions to compliance any periods during which compliance is required and in which an excursion or exceedance as defined under 40 CFR Part 64 occurred; and

I.L.1.d Such other facts as the Executive Secretary may require to determine the compliance status.

I.L.2 The permittee shall also submit all compliance certifications to the EPA, Region VIII, at the following address or to such other address as may be required by the Executive Secretary: (R307-415-6c(5)(d))

Environmental Protection Agency, Region VIII  
Office of Enforcement, Compliance and Environmental Justice  
(mail code 8ENF)  
1595 Wynkoop Street  
Denver, CO 80202-1129

**I.M Permit Shield.**

I.M.1 Compliance with the provisions of this permit shall be deemed compliance with any applicable requirements as of the date of this permit, provided that:

I.M.1.a Such applicable requirements are included and are specifically identified in this permit, or (R307-415-6f(1)(a))

I.M.1.b Those requirements not applicable to the source are specifically identified and listed in this permit. (R307-415-6f(1)(b))

I.M.2 Nothing in this permit shall alter or affect any of the following:

I.M.2.a The emergency provisions of Utah Code Ann. Section 19-1-202 and Section 19-2-112, and the provisions of the CAA Section 303. (R307-415-6f(3)(a))

I.M.2.b The liability of the owner or operator of the source for any violation of applicable requirements under Utah Code Ann. Section 19-2-107(2)(g) and Section 19-2-110 prior to or at the time of issuance of this permit. (R307-415-6f(3)(b))

I.M.2.c The applicable requirements of the Acid Rain Program, consistent with the CAA Section 408(a). (R307-415-6f(3)(c))

I.M.2.d The ability of the Executive Secretary to obtain information from the source under Utah Code Ann. Section 19-2-120, and the ability of the EPA to obtain information from the source under the CAA Section 114. (R307-415-6f(3)(d))

**I.N Emergency Provision.**

I.N.1 An "emergency" is any situation arising from sudden and reasonably 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 this 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 preventive maintenance, careless or improper operation, or operator error. (R307-415-6g(1))

I.N.2 An emergency constitutes an affirmative defense to an action brought for noncompliance

with such technology-based emission limitations if the affirmative defense is demonstrated through properly signed, contemporaneous operating logs, or other relevant evidence that:

- I.N.2.a An emergency occurred and the permittee can identify the causes of the emergency. (R307-415-6g(3)(a))
- I.N.2.b The permitted facility was at the time being properly operated. (R307-415-6g(3)(b))
- I.N.2.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 this permit. (R307-415-6g(3)(c))
- I.N.2.d The permittee submitted notice of the emergency to the Executive Secretary within two working days of the time when emission limitations were exceeded due to the emergency. This notice must contain a description of the emergency, any steps taken to mitigate emissions, and corrective actions taken. This notice fulfills the requirement of Provision I.S.2.c below. (R307-415-6g(3)(d))
- I.N.3 In any enforcement proceeding, the permittee seeking to establish the occurrence of an emergency has the burden of proof. (R307-415-6g(4))
- I.N.4 This emergency provision is in addition to any emergency or upset provision contained in any other section of this permit. (R307-415-6g(5))

**I.O Operational Flexibility.**

Operational flexibility is governed by R307-415-7d(1).

**I.P Off-permit Changes.**

Off-permit changes are governed by R307-415-7d(2).

**I.Q Administrative Permit Amendments.**

Administrative permit amendments are governed by R307-415-7e.

**I.R Permit Modifications.**

Permit modifications are governed by R307-415-7f.

**I.S Records and Reporting.**

**I.S.1 Records.**

- I.S.1.a The records of all required monitoring data and support information shall be retained by the permittee for a period of at least five years from the date of the monitoring sample, measurement, report, or application. Support information includes all calibration and maintenance records, all original strip-charts or appropriate recordings for continuous monitoring instrumentation, and copies of all reports required by this permit. (R307-415-6a(3)(b)(ii))

- I.S.1.b For all monitoring requirements described in Section II, Special Provisions, the source shall record the following information, where applicable: (R307-415-6a(3)(b)(i))

- I.S.1.b.1 The date, place as defined in this permit, and time of sampling or measurement.
- I.S.1.b.2 The date analyses were performed.
- I.S.1.b.3 The company or entity that performed the analyses.
- I.S.1.b.4 The analytical techniques or methods used.
- I.S.1.b.5 The results of such analyses.
- I.S.1.b.6 The operating conditions as existing at the time of sampling or measurement.
- I.S.1.c Additional record keeping requirements, if any, are described in Section II, Special Provisions.
- I.S.2 Reports.
  - I.S.2.a Monitoring reports shall be submitted to the Executive Secretary every six months, or more frequently if specified in Section II. All instances of deviation from permit requirements shall be clearly identified in the reports. (R307-415-6a(3)(c)(i))
  - I.S.2.b All reports submitted pursuant to Provision I.S.2.a shall be certified by a responsible official in accordance with Provision I.K of this permit. (R307-415-6a(3)(c)(i))
  - I.S.2.c The Executive Secretary shall be notified promptly of any deviations from permit requirements including those attributable to upset conditions as defined in this permit, the probable cause of such deviations, and any corrective actions or preventative measures taken. Prompt, as used in this condition, shall be defined as written notification within the number of days shown under "Enforceable Dates and Timelines" at the front of this permit.. Deviations from permit requirements due to unavoidable breakdowns shall be reported in accordance with the provisions of R307-107. (R307-415-6a(3)(c)(ii))
- I.S.3 Notification Addresses.
  - I.S.3.a All reports, notifications, or other submissions required by this permit to be submitted to the Executive Secretary are to be sent to the following address or to such other address as may be required by the Executive Secretary:
 

Utah Division of Air Quality  
P.O. Box 144820  
Salt Lake City, UT 84114-4820  
Phone: 801-536-4000
  - I.S.3.b All reports, notifications or other submissions required by this permit to be submitted to the EPA should be sent to one of the following addresses or to such other address as may be required by the Executive Secretary:
 

For annual compliance certifications:

Environmental Protection Agency, Region VIII  
Office of Enforcement, Compliance and Environmental Justice  
(mail code 8ENF)  
1595 Wynkoop Street

Denver, CO 80202-1129

For reports, notifications, or other correspondence related to permit modifications, applications, etc.:

Environmental Protection Agency, Region VIII  
Office of Partnerships & Regulatory Assistance Air & Radiation Program (mail code 8P-AR)  
1595 Wynkoop Street  
Denver, CO 80202-1129  
Phone: 303-312-6440

**I.T Reopening for Cause.**

I.T.1 A permit shall be reopened and revised under any of the following circumstances:

I.T.1.a New applicable requirements become applicable to the permittee and there is a remaining permit term of three or more years. No such reopening is required if the effective date of the requirement is later than the date on which this permit is due to expire, unless the terms and conditions of this permit have been extended pursuant to R307-415-7c(3), application shield. (R307-415-7g(1)(a))

I.T.1.b The Executive Secretary or EPA determines that this permit contains a material mistake or that inaccurate statements were made in establishing the emissions standards or other terms or conditions of this permit. (R307-415-7g(1)(c))

I.T.1.c EPA or the Executive Secretary determines that this permit must be revised or revoked to assure compliance with applicable requirements. (R307-415-7g(1)(d))

I.T.1.d Additional applicable requirements are to become effective before the renewal date of this permit and are in conflict with existing permit conditions. (R307-415-7g(1)(e))

I.T.2 Additional requirements, including excess emissions requirements, become applicable to a Title IV affected source under the Acid Rain Program. Upon approval by EPA, excess emissions offset plans shall be deemed to be incorporated into this permit. (R307-415-7g(1)(b))

I.T.3 Proceedings to reopen and issue a permit shall follow the same procedures as apply to initial permit issuance and shall affect only those parts of this permit for which cause to reopen exists. (R307-415-7g(2))

**I.U Inventory Requirements.**

An emission inventory shall be submitted in accordance with the procedures of R307-150, Emission Inventories. (R307-150)

**I.V Title IV and Other, More Stringent Requirements**

Where an applicable requirement is more stringent than an applicable requirement of regulations promulgated under Title IV of the Act, Acid Deposition Control, both provisions shall be incorporated into this permit. (R307-415-6a(1)(b))

## **SECTION II: SPECIAL PROVISIONS**

- II.A **Emission Unit(s) Permitted to Discharge Air Contaminants.**  
(R307-415-4(3)(a) and R307-415-4(4))
- II.A.1 **Permitted Source**  
Source-Wide
- II.A.2 **Centrifugal Wheel Blaster with Dust Collect**  
Blasting operation that vents back into itself through a dust collector (vents indoors).  
No unit-specific applicable requirements.
- II.A.3 **Steel Grit Blasting Booth with Dust Collect**  
Steel grit blasting operation that vents back into itself through a dust collector (vents indoors).  
No unit-specific applicable requirements.
- II.A.4 **Surface Coating Operation**  
Surface coating process using airless sprayers and particulate filters.
- II.A.5 **Diesel Powered Air Compressor**  
Diesel powered emergency air compressor, rated at approximately 228 hp.
- II.A.6 **Miscellaneous Natural Gas Burning Equipment**  
Three space heaters rated at 1.125MM Btu/hr each. Two space heaters rated at 0.275 MM Btu/hr each. One boiler rated at 2.5 MMBtu/hr. One oven rated at 1 MM Btu/hr, located in the wheelabrator building. Use natural gas as the only fuel.  
No unit-specific applicable requirements.
- II.A.7 **Diesel Storage Tank**  
Capacity approximately 1,000 gallons.  
No unit-specific applicable requirements.
- II.A.8 **Gasoline Storage Tank**  
Capacity approximately 500 gallons.  
No unit-specific applicable requirements.

### II.B **Requirements and Limitations**

The following emission limitations, standards, and operational limitations apply to the permitted facility as indicated:

#### II.B.1 **Conditions on Permitted Source (Source-Wide)**

##### II.B.1.a **Condition:**

Solvents containing volatile organic compounds (VOC) and hazardous air pollutants (HAP) shall be kept in covered containers when not in use. Rags laden with VOC or HAP containing solvents shall be kept in covered containers when not in use. [Authority granted under R307-401-8(1)(a) [BACT]; condition originated in DAQE-AN0880003-03]

II.B.1.a.1

**Monitoring:**

Daily inspections shall be conducted to ensure that HAP and VOC containing solvents and HAP and VOC laden rags are stored in closed containers when not in use.

II.B.1.a.2

**Recordkeeping:**

Results of monitoring shall be maintained in accordance with Provision I.S.1 of this permit.

II.B.1.a.3

**Reporting:**

There are no reporting requirements for this provision except those specified in Section I of this permit.

II.B.1.b

**Condition:**

Emissions of VOCs and HAPs from paints, degreasers, and associated operations shall not exceed the following amounts per rolling 12-month period:

VOCs	95.49 tons
Methyl ethyl ketone (MEK)	15.00 tons
Total HAPs	50.10 tons
Toluene	5.00 tons
Xylene	20.00 tons
MIBK	3.00 tons
Methanol	1.50 tons
Formaldehyde	26.00 lbs
Ethylbenzene	3.50 tons
Benzene	0.08 tons
Chromium (as Cr+6)	2.11 lbs
Chromium (as Cr+3)	50.00 lbs
Cobalt	2.00 lbs
Cumene	0.25 tons
Dibutylphthanol	0.25 tons
Ethylene Glycol	0.25 tons
Glycol Ethers	0.50 tons
Naphthalene	0.25 tons
Styrene	0.25 tons.

[Authority granted under R307-401-8(1)(a) [BACT]; condition originated in DAQE-AN0880003-03]

II.B.1.b.1

**Monitoring:**

Records required for this permit condition will serve as monitoring.

II.B.1.b.2

**Recordkeeping:**

VOC and HAP emissions shall be determined by maintaining a record of VOC and HAP emitting materials used each month. The records shall include the following data for each material used:

1. Name of the VOC or HAP emitting material, such as; paint, adhesive, solvent, thinner, reducers, chemical compounds, toxics, isocyanates, etc.
2. Density of each material used (pounds per gallon).

3. Percent by weight of VOC and HAP in each material used.
4. Gallons of each VOC and HAP emitting material used each month.
5. The amount of VOC and individual HAP emitted monthly by each material used, calculated by the following procedure:

$$\text{VOC} = \frac{(\% \text{ VOC by Weight})}{(100)} \times \frac{(\text{Density lb})}{(\text{gal})} \times (\text{Gal Consumed}) \times \frac{(1 \text{ ton})}{(2,000 \text{ lb})}$$

$$\text{HAP} = \frac{(\% \text{ HAP by Weight})}{(100)} \times \frac{(\text{Density lb})}{(\text{gal})} \times (\text{Gal Consumed}) \times \frac{(1 \text{ ton})}{(2,000 \text{ lb})}$$

6. The total amount of VOC and HAP emitted monthly from all materials used.
7. The amount of VOC and HAP reclaimed for the month shall be similarly quantified and subtracted from the quantities calculated above, to provide the monthly total VOC and HAP emissions.

II.B.1.b.3

**Reporting:**

There are no reporting requirements for this provision except those specified in Section I of this permit.

II.B.1.c

**Condition:**

At all times, including periods of startup, shutdown, and malfunction, the permittee shall, to the extent practicable, maintain and operate any permitted plant equipment, including associated air pollution control equipment, in a manner consistent with good air pollution control practice for minimizing emissions. Determination of whether acceptable operating and maintenance procedures are being used will be based on information available to the Executive Secretary which may include, but is not limited to, monitoring results, opacity observations, review of operating and maintenance procedures, and inspection of the source. [Authority granted under R307-401-8(2); condition originated in DAQE-AN0880003-03]

II.B.1.c.1

**Monitoring:**

Records required for this permit condition will serve as monitoring.

II.B.1.c.2

**Recordkeeping:**

Permittee shall document activities performed to assure proper operation and maintenance. Records shall be maintained in accordance with Provision I.S.1 of this permit.

II.B.1.c.3

**Reporting:**

There are no reporting requirements for this provision except those specified in Section I of this permit.

**II.B.1.d Condition:**

The permittee shall comply with all applicable requirements in 40 CFR 63, Subpart M MMM - National Emissions Standards for Hazardous Air Pollutants: Surface Coating of Miscellaneous Metal Parts and Products including, but not limited to, the following: all operations including repair operations shall meet the applicable organic HAP emission limits of 40 CFR 63 Subpart M MMM:

- (1) For each existing general use coating affected source, limit organic HAP emissions to no more than 0.31 kg (2.6 lb) organic HAP per liter (gal) coating solids used during each 12-month compliance period.
- (2) For each existing high performance coating affected source, limit organic HAP emissions to no more than 3.3 kg (27.5 lb) organic HAP per liter (gal) coating solids used during each 12-month compliance period.
- (3) For each existing magnet wire coating affected source, limit organic HAP emissions to no more than 0.12 kg (1.0 lb) organic HAP per liter (gal) coating solids used during each 12-month compliance period.
- (4) For each existing rubber-to-metal coating affected source, limit organic HAP emissions to no more than 4.5 kg (37.7 lb) organic HAP per liter (gal) coating solids used during each 12-month compliance period.
- (5) For each existing extreme performance fluoropolymer coating affected source, limit organic HAP emissions to no more than 1.5 kg (12.4 lbs) organic HAP per liter (gal) coating solids used during each 12-month compliance period.

If your facility's surface coating operations meet the applicability criteria of more than one of the subcategory emission limits specified in paragraphs (a) or (b) of this section, you may comply separately with each subcategory emission limit or comply using one of the alternatives in paragraph 40 CFR 63.3890(c)(1) or 40 CFR 63.3890(c)(2). [Authority granted under 40 CFR 63.3881 (a) and (b), 40 CFR 63.3882 (a)-(c), 40 CFR 63.3890(b) and (c), 40 CFR 63.3900(a); condition originated in 40 CFR 63 Subpart M MMM]

**II.B.1.d.1 Monitoring:**

The permittee shall perform all applicable monitoring required in 40 CFR 63.3890(b), 63.3891 (a) or (b), 63.3942(a)-(d) or 63.3952(a)-(d). The permittee shall certify, in the annual compliance statement required in Section I of this permit, its compliance status with the applicable requirements of 40 CFR 63, Subpart M MMM.

**II.B.1.d.2 Recordkeeping:**

The permittee shall maintain all records required in 40 CFR 63.3930(a)-(j) and 63.3931 (a)-(c). There are no additional recordkeeping requirements except as outlined in Provision I.S.1 of this permit.

**II.B.1.d.3 Reporting:**

The permittee shall submit all reports required in 40 CFR 63.3920(a), 63.3942 or 63.3952. There are no additional reporting requirements except as outlined in Section I of this permit.

II.B.1.e **Condition:**

The permittee shall comply with the applicable requirements for recycling and emission reduction for class I and class II refrigerants pursuant to 40 CFR 82, Subpart F - Recycling and Emissions Reduction. [Authority granted under 40 CFR 82.150(b); condition originated in 40 CFR 82]

II.B.1.e.1 **Monitoring:**

The permittee shall certify, in the annual compliance statement required in Section I of this permit, its compliance status with the requirements of 40 CFR 82, Subpart F.

II.B.1.e.2 **Recordkeeping:**

All records required in 40 CFR 82, Subpart F shall be maintained consistent with the requirements of Provision S.1 in Section I of this permit.

II.B.1.e.3 **Reporting:**

All reports required in 40 CFR 82, Subpart F shall be submitted as required. There are no additional reporting requirements except as outlined in Section I of this permit.

II.B.1.f **Condition:**

The permittee shall comply with the applicable requirements for servicing of motor vehicle air conditioners pursuant to 40 CFR 82, Subpart B - Servicing of Motor Vehicle Air Conditioners. [Authority granted under 40 CFR 82.30(b); condition originated in 40 CFR 82]

II.B.1.f.1 **Monitoring:**

The permittee shall certify, in the annual compliance statement required in Section I of this permit, its compliance status with the requirements of 40 CFR 82, Subpart B.

II.B.1.f.2 **Recordkeeping:**

All records required in 40 CFR 82, Subpart B shall be maintained consistent with the requirements of Provision S.1 in Section I of this permit.

II.B.1.f.3 **Reporting:**

All reports required in 40 CFR 82, Subpart B shall be submitted as required. There are no additional reporting requirements except as outlined in Section I of this permit.

II.B.2 **Conditions on Surface Coating Operation.**

II.B.2.a **Condition:**

Visible emissions shall be no greater than 20 percent opacity. [Authority granted under R307-401-8(1)(a) [BACT]; condition originated in DAQE-AN0880003-03]

II.B.2.a.1

**Monitoring:**

In lieu of monitoring via visible emissions observations, the spray booth particulate capture system shall be inspected to demonstrate that it is functioning properly. Inspections shall consist of the following observations made at the specified frequencies:

- (A) Inspection for holes in the particulate filters- weekly.
- (B) Inspection of the particulate filters to determine proper installation within the support rack-weekly.
- (C) Inspection of the exhaust fan to ensure that it is operating- whenever the spray booths begin operation.

II.B.2.a.2

**Recordkeeping:**

Results of monitoring shall be maintained in accordance with Provision I.S.1 of this permit.

II.B.2.a.3

**Reporting:**

There are no reporting requirements for this provision except those specified in Section I of this permit.

II.B.3

**Conditions on Diesel Powered Air Compressor**

II.B.3.a

**Condition:**

Visible emissions shall be no greater than 20 percent opacity. [Authority granted under R307-401-8(1)(a) [BACT]; condition originated in DAQE-AN0880003-03]

II.B.3.a.1

**Monitoring:**

During any period that the emergency generator is operated for longer than 12 hours consecutively, visual survey of the generator exhaust shall be made by an individual trained on the observation procedures of 40 CFR 60, Appendix A, Method 9. The individual is not required to be a certified visual emission observer (VEO). If any visible emission are observed, then an opacity determination shall be performed in accordance with 40 CFR 60, Appendix A, Method 9, by a certified VEO. If the generator continues to operate on consecutive days following the initial observation, an opacity determination shall be performed on a daily basis in accordance with 40 CFR 60, Appendix A, Method 9.

II.B.3.a.2

**Recordkeeping:**

Records shall be maintained for the generator including dates of use, and consecutive hours of each instance of emergency usage. A log of opacity observations shall be maintained in accordance with provision I.S.1 of this permit. If an observation indicates visible emissions, a notation of those visible emissions shall be made in the log. All data required by 40 CFR, Part 60, Appendix A, Method 9 shall be maintained in accordance with Provision I.S.1 of this permit.

II.B.3.a.3

**Reporting:**

There are no reporting requirements for this provision except those specified in Section I of this permit.

II.B.3.b

**Condition:**

The permittee shall use #2, or lighter diesel fuel in this unit. [Authority granted under R307-401-8(1)(a) [BACT]; condition originated in DAQE-AN0880003-03]

II.B.3.b.1

**Monitoring:**

Records required for this permit condition will serve as monitoring.

II.B.3.b.2

**Recordkeeping:**

The permittee shall keep purchase records of all fuel types used.

II.B.3.b.3

**Reporting:**

There are no reporting requirements for this provision except those specified in Section I of this permit.

II.B.3.c

**Condition:**

Diesel consumption shall be no greater than 6000 gallons per rolling 12- month period. [Authority granted under R307-401-8(1)(a) [BACT]; condition originated in DAQE-AN0880003-03]

II.B.3.c.1

**Monitoring:**

Fuel consumption shall be determined based on a 12-month rolling total calculated by 20th day of each month using the previous 12 months data (fuel billing records).

II.B.3.c.2

**Recordkeeping:**

Results of monitoring shall be maintained in accordance with Provision I.S.1 of this permit.

II.B.3.c.3

**Reporting:**

There are no reporting requirements for this provision except those specified in Section I of this permit.

II.C

**Emissions Trading**

(R307-415-6a(10))

Not applicable to this source.

II.D

**Alternative Operating Scenarios.**

(R307-415-6a(9))

Not applicable to this source.

II.E

**Source-specific Definitions.**

The following definitions apply to the permittee. They include terms not defined in state or federal rules or clarify or expand on existing definitions.

### **SECTION III: PERMIT SHIELD**

A permit shield was not granted for any specific requirements.

### **SECTION IV: ACID RAIN PROVISIONS**

IV.A            **This source is not subject to Title IV. This section is not applicable.**

## **REVIEWER COMMENTS**

This operating permit incorporates all applicable requirements contained in the following documents:

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Incorporates DAQE-AN0880003-03 dated July 22, 2003
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1. Comment on an item originating in DAQE-AN0880003-03 regarding Permitted Source  
AO Condition #10: This condition requires visible emissions from any stationary point or fugitive source associated with the source not to exceed 20% opacity. In this operating permit only the diesel powered air compressor and surface coating operation emit visible emissions and are included in II.B.2 and II.B. 3. The rest of the equipment would not have any visible emissions. [Last updated November 3, 2008]
  
2. Comment on an item originating in DAQE-AN0880003-03 regarding Permitted Source  
AO Condition #12: This condition requires installed equipment to combust natural gas only. Since this is a construction condition, it is included in Section II.A descriptions. [Last updated November 3, 2008]
  
3. Comment on an item originating in DAQE-AN0880003-03 regarding Permitted Source  
AO Condition #13: This condition requires the surface coating operation to vent through a particulate control system. Operation and maintenance procedures for the paint booth particulate capture system are used in this permit to ensure compliance with visible emissions limits. These operation and maintenance conditions will also ensure that all air vented from the paint booth to the atmosphere will pass through filters. [Last updated November 3, 2008]
  
4. Comment on an item originating in DAQE-AN0880003-03 regarding Permitted Source  
AO Condition #9: This requirement for the wheel blaster and steel grit blaster to vent back into themselves is being included in the Title V permit as part of the emissions unit description. [Last updated November 3, 2008]