



OFFICE OF ENVIRONMENTAL SERVICES

Minor Source Air General Permit

PROPOSED RENEWAL/MODIFICATION

Surface Coating and Fabrication

AGENCY INTEREST NO. 163497

ACTIVITY NO. PER20190001

In accordance with the Louisiana Environmental Quality Act, as amended (La. R.S. 30:2001, *et seq.*: "The Act") and the rules and regulations effective or promulgated under the authority of the Act (LAC 33:III.501 and LAC 33:III.513), this Air General Permit is issued. This permit authorizes persons who meet the requirements set forth herein and have been approved by this Office to construct and operate surface coating and fabrication facilities in accordance with the emissions limitations, monitoring requirements, and other conditions of this permit.

This permit and the authorization to emit shall expire ten (10) years from the effective date of the permit.

This permit became effective on December 1, 2009, and was modified on March 9, 2010, and September 18, 2012.

This renewal/modification shall become effective on **December 1, 2019**.

Issued on November 1, 2019



Elliott B. Vega
Assistant Secretary

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I. STATEMENT OF AUTHORITY – LAC 33:III.513.A

The permitting authority may issue a general permit intended to cover numerous similar sources or activities. General permits shall be issued in accordance with LAC 33:III.519 and, prior to issuance, shall undergo public notice. Each general permit shall incorporate terms and conditions applicable to sources that would qualify for the general permit. Any general permit shall identify criteria by which sources may qualify for the general permit, and may provide for applications which deviate from the requirements of LAC 33:III.517.

The owner or operator of any source that would qualify for the general permit may apply for authorization to operate under the general permit. The application must include all information necessary to determine qualification for and to assure compliance with the general permit.

The permitting authority may approve an owner or operator's application for authorization to operate under the general permit without repeating the public participation procedures. Such an approval shall not be a final permit action for purposes of judicial review regarding the terms and conditions of the general permit.

Any source which is issued the general permit shall, notwithstanding a permit shield, be subject to enforcement action for operation without a permit if the source is later determined not to qualify for the general permit.

II. ELIGIBILITY

This minor source air general permit authorizes construction, operation, and modification of surface coating and fabrication facilities that meet the eligibility requirements outlined herein.

Facilities eligible for coverage under this general permit include facilities primarily engaged in surface coating and fabrication. These facilities are typically classified under Standard Industrial Classification (SIC) Codes beginning with 34, 35, 36, or 37.

Facilities must maintain eligibility to operate under this permit. This permit does **not** authorize operations that are not compliant with the established eligibility conditions. Prior to initiating any modification to the facility that would prohibit it from being covered under this general permit, the permittee must request an "individual" site-specific air permit. If a modification rendering the facility ineligible for this general permit is effected without a site-specific permit in place, the modification will be deemed unauthorized from the date construction commenced and subject to enforcement action.

Facilities Excluded from Coverage

This general permit cannot be used to authorize construction and operation of:

1. "Part 70 Sources" as defined in LAC 33:III.502.
2. Except as described in LAC 33:III.501.B.3.a-b, facilities subject to regulatory requirements not addressed by this general permit, including those with equipment or processes not compliant with Section IV – Equipment-Specific Limitations and Required Controls.

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3. Facilities subject to LAC 33:III.Chapter 59–Chemical Accident Prevention or 40 CFR Part 68–Chemical Accident Prevention Provisions.
4. Facilities that formerly operated as major sources if Best Available Control Technology (BACT) or Lowest Achievable Emission Rate (LAER) controls were installed and are being maintained on an existing emissions unit.
5. Facilities which strip paint using chloromethane (CH₃Cl).

III. FACILITY-WIDE EMISSIONS LIMITATIONS

Baton Rouge Area

For facilities located in the parishes of Ascension, East Baton Rouge, Iberville, Livingston, and West Baton Rouge, potential emissions of criteria pollutants and toxic air pollutants (TAP) from the facility (or grouping of contiguous facilities) must be less than the following amounts, in tons per year:

<u>Pollutant</u>	<u>Emissions</u>
PM ₁₀	15
PM _{2.5}	15
SO ₂	40
NO _x	20
CO	90
Total VOC	20
Total TAPs	20
Any Individual TAP*	Table 1

Other Parishes

Except for facilities located in the parishes of Ascension, East Baton Rouge, Iberville, Livingston, and West Baton Rouge, potential emissions of criteria pollutants and toxic air pollutants (TAP) from the facility (or grouping of contiguous facilities) must be less than the following amounts, in tons per year:

<u>Pollutant</u>	<u>Emissions</u>
PM ₁₀	15
PM _{2.5}	15
SO ₂	40
NO _x	90
CO	90

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Total VOC	90
Total TAPs	20
Any Individual TAP*	Table 1

The above limitations shall include emissions from *all* sources at the facility, including emissions from all insignificant activities set forth under LAC 33:III.501.B.5 and those from activities traditionally classified under General Condition XVII (e.g., sampling).

* Any individual Toxic Air Pollutant (TAP) emitted shall not exceed the listed lb/hr and tons/yr limits of Table 1. Facilities which emit a TAP not listed in Table 1 shall not exceed the minimum emission rate (MER) for that TAP listed in Table 51.1 of LAC 33:III.Chapter 51. No individual TAP shall exceed 8 tons per year.

Table 1

LAC 33:III.Chapter 51 Toxic Air Pollutant	Limit lb/hr (8-hour average)	Limit tpy
Acetaldehyde		6.48
Acrolein	0.006	0.013
Antimony (and compounds)	0.013	0.02
Arsenic (and compounds)		0.013
Barium (and compounds)	0.013	0.02
Benzene		1.71
Beryllium (and compounds)		0.013
Biphenyl	0.02	0.05
n-Butyl alcohol	4.04	5.50
Copper (and compounds)	0.026	0.013
Cresol	0.26	0.80
Cumene	6.55	8.00
Dibutyl phthalate	0.13	0.19
1,4-Dichlorobenzene	1.59	8.00
Ethyl benzene	11.51	8.00
Ethylene glycol	2.66	3.32
Formaldehyde		1.10
Glycol ethers	0.63	0.79
n-Hexane	4.68	7.50
Manganese (and compounds)		0.04
Methanol	6.97	8.00
Methyl ethyl ketone	15.65	8.00
Methyl isobutyl ketone	5.45	7.50
Naphthalene (and Methylnaphthalenes)	1.33	1.66
Nickel (and compounds)		0.04
Phenol	0.50	0.70
Polynuclear aromatic hydrocarbons		0.013
Selenium (and compounds)	0.005	0.013

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LAC 33:III.Chapter 51 Toxic Air Pollutant	Limit lb/hr (8-hour average)	Limit tpy
Styrene	5.66	7.06
Toluene	9.95	8.00
Toluene-2,4-diisocyanate	0.0009	0.013
Toluene-2,6-diisocyanate	0.0009	0.013
Xylene (mixed isomers)	11.51	8.00
Zinc (and compounds)	0.13	0.16

Re-designation of an Attainment Area to a Nonattainment Area

If, during the term of this permit, any parish outside of the Baton Rouge Area is designated as a “serious” or “severe” ozone nonattainment area, the owner or operator of a facility located in any such parish:

1. may retain this permit and comply with the limits applicable to facilities located in the Baton Rouge Area; or
2. if the facility cannot comply or the owner or operator chooses not to comply with limits applicable to facilities located in the Baton Rouge Area, the owner or operator shall apply for an “individual” site-specific air permit no later than 90 days after the effective date of the “serious” or “severe” nonattainment designation.

IV. EQUIPMENT-SPECIFIC LIMITATIONS AND REQUIRED CONTROLS

A. Internal Combustion Engines (ICEs)

Definitions

Stationary internal combustion engine - any internal combustion engine (ICE), except combustion turbines, that converts heat energy into mechanical work and is not mobile. Stationary ICE differ from mobile ICE in that a stationary internal combustion engine is not a nonroad engine as defined at 40 CFR 1068.30 (excluding paragraph (2)(ii) of that definition), and is not used to propel a motor vehicle or a vehicle used solely for competition. Stationary ICE include reciprocating ICE, rotary ICE, and other ICE, except combustion turbines.

Limitations

ICEs must be fueled by diesel (or fuel oil no. 2). Stationary engines fueled by gasoline, natural gas, or liquefied petroleum gas (LPG) are not eligible for coverage under this permit.

B. Storage Vessels

Gasoline and storage vessels containing volatile organic compounds shall have a capacity less than 10,000 gallons. Storage vessels greater than 250 gallons storing any volatile organic compound having a maximum true vapor pressure of 1.5 psia or greater shall be equipped with a submerged fill pipe.

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C. Surface Coating

Definitions

Metal Fabrication and Finishing HAP – means cadmium, chromium, lead, manganese, or nickel.

Limitations

Facilities located in the parishes of Ascension, Calcasieu, East Baton Rouge, Iberville, Livingston, Pointe Coupee, and West Baton Rouge which are engaged in the surface coating of Marine Vessels and Oilfield Tubulars and Ancillary Oilfield Equipment may not apply coatings which exceed 3.5 pounds VOC per gallon of coating as applied (minus water and exempt solvent) per LAC 33:III.2123.C.14.b.

V. LABORATORY ANALYSES

Laboratory procedures and analyses performed by commercial laboratories shall be conducted in accordance with the requirements set forth under the Laboratory Accreditation procedures established by LAC 33:I.Chapters 45-59. LDEQ will not accept data generated by commercial laboratories that are not accredited under this program, and retesting will be required by an accredited laboratory. Information on the Environmental Laboratory Accreditation Program and a list of labs that have applied for accreditation is available on the LDEQ's website at <https://deq.louisiana.gov/page/la-lab-accreditation>.

VI. REQUESTING COVERAGE UNDER THIS GENERAL PERMIT

In order to request coverage under this general permit, an applicant should submit a completed "Application for Approval of Emissions of Air Pollutants from Minor Sources," a completed "General Permit Applicability Questionnaire," and the appropriate new permit application fee to the Air Permits Division. The application forms and instructions are available on LDEQ's website at <https://www.deq.louisiana.gov/page/minor-source-general-permits>.

An application to modify a site-specific air permit may also be used to request coverage under this general permit, provided that the "General Permit Applicability Questionnaire" accompanies the application.

VII. MODIFYING A FACILITY

A. Modifications: Situations Where Pre-Construction Approval Is Not Required

Where facility-wide potential emissions of the following pollutants (including the planned modifications) are less than or equal to the thresholds set forth in the table below, the owner or operator may modify the facility without prior approval of LDEQ, provided that the facility remains compliant with the established eligibility conditions.

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<u>Pollutant</u>	<u>Emissions (TPY)</u>
NO _x	47.1

Notwithstanding facility-wide potential emissions of the aforementioned pollutants, modifications which do not increase hourly or annual potential emissions of said pollutants may also be effected without prior approval of LDEQ.

Except as specified in Subsection VII.C, within ten (10) calendar days after effecting any modification (generally commencement of construction) to a facility authorized to operate under this general permit, the permittee shall submit a completed "Application for Approval of Emissions of Air Pollutants from Minor Sources" and the appropriate modified permit fee to the Air Permits Division.

The completed "Application for Approval of Emissions of Air Pollutants from Minor Sources" need only address the modifications effected at the facility.

B. Modifications: Situations Where Pre-Construction Approval Is Required

Except as specified in Subsection VII.C, before effecting any modification to a facility authorized to operate under this general permit (generally commencement of construction) *not* described in Section VII.A, the permittee shall submit a completed "Application for Approval of Emissions of Air Pollutants from Minor Sources" to the Air Permits Division. The modification shall not be effected until approved by LDEQ.

The completed "Application for Approval of Emissions of Air Pollutants from Minor Sources" need only address the proposed modifications.

C. "In Kind" Replacement of Equipment

Notwithstanding Subsection VII.B, replacement of an existing emissions unit with an "in-kind" unit shall not require submittal of a completed "Application for Approval of Emissions of Air Pollutants from Minor Sources" to LDEQ, provided:

1. the new unit does not result in an increase in hourly or annual potential emissions of a regulated pollutant;
2. the new unit is not subject to federal or state regulations not applicable to the replaced emissions unit;
3. the new unit is an identical or functionally equivalent unit. A "functionally equivalent unit" means a component that serves the same purpose as the replaced component;
4. the replaced emissions unit is permanently removed from the facility or otherwise permanently disabled;
5. such modifications are disclosed in the next "Application for Approval of Emissions of Air Pollutants from Minor Sources" submitted pursuant to Subsection VII.A or VII.B; and
6. records of such modifications are retained on site or at another approved location for a minimum of two (2) years and made available for inspection by the Office of Environmental Compliance, Surveillance Division.

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VIII. REQUESTING TERMINATION OF COVERAGE UNDER THIS PERMIT

Permittee shall notify the Air Permits Division using the Application for Approval of Miscellaneous Permitting Actions if operations at the facility permanently cease during the permit term. The application form and instructions are available on the LDEQ's website at <https://deq.louisiana.gov/page/air-permit-applications>.

IX. NAME/OWNER/OPERATOR CHANGES

The permittee shall notify the Office of Environmental Services in accordance with LAC 33:I.Chapter 19 using the Facility Name Change and Change of Ownership Form (NOC-1). The form and instructions are available on the LDEQ's website at <https://deq.louisiana.gov/page/public-participation-permit-support>.

X. RENEWAL OF COVERAGE UNDER THE GENERAL PERMIT

Coverage under the renewed and modified Minor Source Air General Permit for Surface Coating and Fabrication shall automatically be extended to those facilities for which coverage under the general permit has previously been approved. A permit application to renew coverage as described in Section IX of the current general permit shall not be required.

XI. EMISSIONS INVENTORY

Notwithstanding the applicability provisions of LAC 33:III.919, the owner or operator of a facility located in one of the following parishes shall submit an annual Emissions Inventory (EI) as described in LAC 33:III.919 by the date set forth in the rule or as otherwise specified by LDEQ.

Ascension	Livingston
East Baton Rouge	West Baton Rouge
Iberville	

Re-designation of an Attainment Area to a Nonattainment Area

Notwithstanding the applicability provisions of LAC 33:III.919, if, during the term of this permit, any parish outside of the Baton Rouge Area is designated as an ozone nonattainment area by EPA, the owner or operator of a facility located in any such parish shall submit an annual EI. In this event, the initial EI will be due in the year following the first *full* year of re-designation. For example, if a parish is designated as an ozone nonattainment area in August 2020 (the effective date as established by EPA), the initial EI shall be submitted in 2022 and disclose actual emissions during calendar year 2021.

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XII. GENERAL COVERAGE

Continuation of an Expired General Permit

If this permit is not reissued or replaced prior to the expiration date, it shall be administratively continued and remain in force and effect for permittees that were covered prior to its expiration. Any permittee who was granted coverage prior to the expiration date will automatically remain covered by the continued permit until the earlier of:

1. reissuance or replacement of this permit, at which time the permittee must comply with the requirements for obtaining coverage under the new permit;
2. issuance of a site-specific permit to the facility; or
3. a formal permit decision by LDEQ not to reissue this general permit, at which time the permittee must seek coverage under a site-specific permit. In any such notice not to reissue the general permit, LDEQ will establish a deadline for the submittal of an application for a site-specific permit. LDEQ may grant additional time to submit the application upon request of the applicant. Coverage under this general permit shall continue until such time as a site-specific permit is approved. If a permittee fails to submit in a timely manner a site-specific air permit application as required by LDEQ, then the applicability of this permit to the individual permittee will be automatically terminated at the end of the day specified by LDEQ for application submittal.

Requirement for a Site-Specific Permit

Eligibility for this permit does not confer a vested right to coverage under the permit. LDEQ may require any person authorized by this permit to apply for and/or obtain a site-specific air permit. If LDEQ requires a permittee authorized to emit under this permit to apply for a site-specific air permit, LDEQ will notify the permittee in writing that a permit application is required. This notification will include a brief statement of the reasons for this decision, a statement setting a deadline for the permittee to file the application, and a statement that on the effective date of issuance or denial of the site-specific air permit, coverage under this permit will automatically terminate. LDEQ may grant additional time to submit the application upon request of the applicant. If a permittee fails to submit in a timely manner a site-specific air permit application as required by LDEQ, then the applicability of this permit to the individual permittee will be automatically terminated at the end of the day specified by LDEQ for application submittal.

LDEQ's notification that coverage under a site-specific permit is required does not imply that the facility does not meet the eligibility requirements of this permit.

Severability

The provisions of this permit are severable, and if any provision of this permit, or the application of any provision of this permit to any circumstance, is held invalid, the application of such provision to other circumstances and the remainder of this permit shall not be affected thereby.

XIII. REOPENER CLAUSE

This permit may be modified, revoked and reissued, or terminated for cause. Upon modification

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or reissuance of this permit, the permittee shall comply with any new or modified requirements by any compliance dates established in the modified or reissued permit.

Please be advised that pursuant to provisions of the Environmental Quality Act and the Administrative Procedure Act, the Department may initiate review of a permit during its term. However, before it takes any action to modify, suspend or revoke a permit, the Department shall, in accordance with applicable statutes and regulations, notify the permittee by mail of the facts or operational conduct that warrant the intended action and provide the permittee with the opportunity to demonstrate compliance with all lawful requirements for the retention of the effective permit.

If there is evidence indicating that the air emissions authorized by this permit cause or have the reasonable potential to cause or contribute to a violation of a NAAQS, the facility may be required to obtain a site-specific permit or this permit may be modified to include different limitations and/or requirements.

XIV. PUBLIC NOTICE

Request for public comment on this Minor Source Air General Permit for Surface Coating and Fabrication was published on the department's website on September 20, 2019. On September 20, 2019, copies of the public notice were mailed to the individuals who have requested to be placed on the mailing list maintained by the Office of Environmental Services (OES). No comments were received.

As specified in LAC 33:III.513.A.3, the permitting authority may approve an owner or operator's application for authorization to operate under the general permit without repeating the public participation procedures.

XV. GENERAL CONDITIONS

The following general conditions from LAC 33:III.537 apply, except as modified below.

General Condition	Applicable	Comments
I.	Yes.	Maximum facility-wide emissions authorized by this general permit are set forth in Section III of the permit. Site-specific emissions limitations are established by the permittee's application requesting coverage under this general permit. Exceedances of any limitations defined therein are addressed in General Condition III.
II.	Yes.	
III.	Yes.	This permit does not contain sections entitled "Emission Rates for Criteria Pollutants" and "Emission Rates for TAP/HAP and Other Pollutants." If emissions from an emissions

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General Condition	Applicable	Comments
		unit are subsequently determined to be greater than those disclosed in a permit application, but facility-wide emissions remain within the limits set forth in Section III of this general permit, the owner or operator shall submit a revised application in accordance with Section VII of this general permit as soon as practicable, but no later than 30 calendar days after discovery of the discrepancy. In such situations, the owner or operator is not required to submit a report pursuant to General Condition XI unless an underlying federal or state standard has been violated. If a facility-wide emission limitation has been exceeded, a report must be submitted pursuant to General Condition XI.
IV.	Yes.	
V.	No.	
VI.	Yes.	
VII.	Yes.	
VIII.	No.	Testing and reporting deadlines are established by the Specific Requirements of this permit.
IX.	No.	See Section VII of this general permit and General Condition III.
X.	Yes.	
XI.	Yes.	See comment associated with General Condition III.
XII.	Yes.	
XIII.	Yes.	
XIV.	Yes.	
XV.	No.	
XVI.	Yes.	See Section IX of this general permit.
XVII.	Yes.	Only General Condition XVII activities disclosed in the permit application are considered authorized discharges.
XVIII.	See comment.	General Condition XVIII applies to the master general permit itself, but does extend to the action of granting coverage under this general permit. According to LAC 33:III.513.A.3, LDEQ may "approve an owner or operator's application for authorization to operate under the general permit without repeating the public participation procedures. Such an approval shall not be a final permit action for purposes of judicial review regarding the terms and conditions of the general permit."
XIX.	No.	

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General Condition	Applicable	Comments
XX.	Yes.	

In addition, the following additional general conditions apply:

- XXI. 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.
- XXII. No person shall falsify, tamper with, or knowingly render inaccurate, any monitoring device or method required to be maintained under this permit.
- XXIII. The permittee must take all reasonable steps to minimize or prevent any emissions in violation of this permit which have a reasonable likelihood of adversely affecting human health or the environment. The permittee shall also take all reasonable steps to minimize or correct any adverse impact on the environment resulting from noncompliance with the permit, including accelerated or additional monitoring as necessary to determine the nature and impact of the noncomplying emissions.
- XXIV. The permittee shall furnish to the Department, within a reasonable time to be specified by the Department, any information which the Department may request to determine whether cause exists for modifying, revoking and reissuing, or terminating this permit or to determine compliance with this standard permit. The permittee shall also furnish to the Department, upon request, copies of records required to be kept by this permit.
- XXV. Nothing in this permit will be construed to preclude the institution of any legal action or relieve the permittee from any responsibilities, liabilities, or penalties established pursuant to any applicable federal or state law or regulation. No condition of this permit shall release the permittee from any responsibility or requirements under other environmental statutes or regulations.

XVI. MODIFICATIONS TO MASTER GENERAL PERMIT

With this action, the Department proposes to modify the general permit to:

- Update regulatory citations to coincide with revisions to LAC 33:III.2123 - Organic Solvents;
- Update Section III (Facility-Wide Emissions Limitations) to include PM_{2.5}.
- Incorporate the amendments to 40 CFR 60 Subpart IIII promulgated on July 7, 2016;
- Incorporate the amendments to 40 CFR 60 Subparts IIII and 40 CFR 63 Subpart ZZZZ promulgated on January 31, 2013;
- Update various requirements to reflect current language; and
- Added provisions for gasoline dispensing facilities.

SPECIFIC REQUIREMENTS

AI ID: 163497 - Minor Source Air General Permit for Surface Coating & Fabrication Facilities

Activity Number: PER20190001

Permit Number: Surface Coating/Fabrication General Master Permit

Air - Minor Gen Permit-Surf Coat & Fab Mod

Group: PCS 0002 Abrasive Blasting

Group Members: ARE 0007 ARE 0008 ARE 0009 ARE 0010 ARE 0012

ARE 0007 - All Abrasive Blasting

- 1 [LAC 33:III.1327.A.1] Opacity \leq 20 percent; except emissions may have an average opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes.
Which Months: All Year Statistical Basis: Six-minute average
Do not use material derived from hazardous, toxic, medical, and/or municipal waste as abrasive material.
- 2 [LAC 33:III.1327.A.1] Particulate matter fines $<$ 10 % by weight of fines that would pass through a No. 80 sieve as documented by the supplier. If supplier documentation is not provided for weight percent of fines in abrasive material, take samples according to ASTM standard ASTM D 75-03 before initial use.
Which Months: All Year Statistical Basis: None specified
Do not reuse abrasives for abrasive blasting unless they meet the requirements of LAC 33:III.1327.A.2.
- 3 [LAC 33:III.1327.A.2] Ensure that tarps have overlapping seams to prevent leakage of particulate matter.
Shade factor \geq 80 percent. Limit the shade factor of the tarps.
Which Months: All Year Statistical Basis: None specified
Repair tarps prior to use if any single tear greater than 1 foot in length is present or if tears greater than 6 inches in length each are present.
- 4 [LAC 33:III.1327.A.3] Prevent blasting material or visible floating solids from reaching waters of the state or minimize to the maximum extent possible as specified in the facility and/or activity BMP or in accordance with the LPDES permit program.
- 5 [LAC 33:III.1329.C.1] Ensure that abrasive blasting activities do not create a nuisance.
Maintain stockpiles of new and/or spent abrasive material in a manner that will minimize fugitive airborne emissions.
- 6 [LAC 33:III.1329.C.2] Use and diligently maintain all emission control equipment in proper working order according to the manufacturer's specifications whenever any emissions are being generated that can be controlled by the facility, even if the ambient air quality standard in affected areas are not exceeded.
- 7 [LAC 33:III.1329.C.3] Equipment/operational data recordkeeping by electronic or hard copy at the regulation's specified frequency. Maintain the records specified in LAC 33:III.1333.A.1 through A.7 on the facility premises at all times. Present them to an authorized representative of DEQ upon request.
- 8 [LAC 33:III.1329.E] Maintain records on a 36 month rolling basis.
- 9 [LAC 33:III.1329.F] Fully enclose the item, or surround the structure, to be blasted.
- 10 [LAC 33:III.1329.G] Exhaust the collection system through effective control equipment with a particulate matter outlet grain loading of 0.05 gr/dscf or less, as documented by the control equipment manufacturer or demonstrated by performance testing.
- 11 [LAC 33:III.1329.H]
- 12 [LAC 33:III.1333]

ARE 0008 - Abrasive Blasting where object is Fully Enclosed or Surrounded

- 13 [LAC 33:III.1329.A.1]
- 14 [LAC 33:III.1329.D]

ARE 0009 - Abrasive Blasting Utilizing Best Management Practices

- 15 [LAC 33:III.1329.A.2] Prepare and implement a best management practices (BMP) plan as described in LAC 33:III.1331.
- 16 [LAC 33:III.1331.B] Keep a complete copy of the BMP plan at the facility and make available to authorized representatives of DEQ upon request. Submit plans to DEQ if requested by an authorized representative of DEQ.

SPECIFIC REQUIREMENTS

AI ID: 163497 - Minor Source Air General Permit for Surface Coating & Fabrication Facilities
Activity Number: PER20190001
Permit Number: Surface Coating/Fabrication General Master Permit
Air - Minor Gen Permit-Surf Coat & Fab Mod

Group: PCS 0002 Abrasive Blasting

ARE 0009 - Abrasive Blasting Utilizing Best Management Practices

- 17 [LAC 33:III.1331.C] Designate a person who is accountable for the implementation and effectiveness of the BMP plan.
- 18 [LAC 33:III.1331.D] Amend the BMP plan if required to by DEQ or whenever physical or operational modification of the facility renders the existing plan inadequate. Implement the amendment prior to or concurrent with the facility modification.
- 19 [LAC 33:III.1331.E] Review the BMP plan every three years to determine if the plan adequately reduces nuisances and adverse off-site impacts. If it is determined that the plan is not adequate, amend the plan within 90 days of the review to include more effective emission prevention and control technology.
- 20 [LAC 33:III.1331.F] Prepare the BMP plan in accordance with sound engineering practices and ensure that it is site-specific. Present the plan information in the sequence specified in LAC 33:III.1331.F.1 through F.10.
- 21 [LAC 33:III.1331.G] Include provisions for personnel training in the BMP plan as specified in LAC 33:III.1331.G.1 through G.4.
- 22 [LAC 33:III.1331.H.1] Ensure that records of the three year review are signed or initialed by the person conducting the review and an appropriate supervisor or the facility designee. Retain for a minimum of three years.
- 23 [LAC 33:III.1331.H.2] Maintain the following records on the facility premises: Self-inspection reports prepared in accordance with LAC 33:III.1331.F.8, and documentation of employee and contractor training, including dates, subjects, and hours of training and a list of attendees with signatures.

ARE 0010 - Abrasive Blasting Vented Enclosures Subject to NESHAP XXXXXX

- 24 [40 CFR 63.11516(a)(2)(i)] Capture emissions and vent them to a filtration control device. Subpart XXXXXX. [40 CFR 63.11516(a)(2)(i)]
- 25 [40 CFR 63.11516(a)(2)(ii)(A)] Take measures necessary to minimize excess dust in the surrounding area to reduce MFHAP emissions, as practicable. Subpart XXXXXX. [40 CFR 63.11516(a)(2)(ii)(A)]
- 26 [40 CFR 63.11516(a)(2)(ii)(B)] Enclose dusty abrasive material storage areas and holding bins, seal chutes and conveyors that transport abrasive materials. Subpart XXXXXX. [40 CFR 63.11516(a)(2)(ii)(B)]
- 27 [40 CFR 63.11516(a)(2)(ii)(C)] Operate all equipment associated with dry abrasive blasting operations according to manufacturer's instructions. Subpart XXXXXX. [40 CFR 63.11516(a)(2)(ii)(C)]
- 28 [40 CFR 63.11516(a)(2)(ii)] Operate filtration control device according to manufacturer's instructions. Subpart XXXXXX. [40 CFR 63.11516(a)(2)(ii)]
- 29 [40 CFR 63.11516(a)(3)(i)(A)] Take measures necessary to minimize excess dust in the surrounding area to reduce MFHAP emissions, as practicable. Subpart XXXXXX. [40 CFR 63.11516(a)(3)(i)(A)]
- 30 [40 CFR 63.11516(a)(3)(i)(B)] Enclose abrasive material storage areas and holding bins, seal chutes and conveyors that transport abrasive material. Subpart XXXXXX. [40 CFR 63.11516(a)(3)(i)(B)]
- 31 [40 CFR 63.11516(a)(3)(i)(C)] Operate all equipment associated with dry abrasive blasting operations according to manufacturer's instructions. Subpart XXXXXX. [40 CFR 63.11516(a)(3)(i)(C)]
- 32 [40 CFR 63.11516(a)(3)(i)(D)] Do not re-use dry abrasive blasting media unless contaminants (i.e., any material other than the base metal, such as paint residue) have been removed by filtration or screening, and the abrasive material conforms to its original size. Subpart XXXXXX. [40 CFR 63.11516(a)(3)(i)(D)]
- 33 [40 CFR 63.11516(a)(3)(i)(E)] Switch from high particulate matter (PM)-emitting blast media (e.g., sand) to low PM-emitting blast media (e.g., crushed glass, specular hematite, steel shot, aluminum oxide), where PM is a surrogate for MFHAP, whenever practicable. Subpart XXXXXX. [40 CFR 63.11516(a)(3)(i)(E)]

SPECIFIC REQUIREMENTS

AI ID: 163497 - Minor Source Air General Permit for Surface Coating & Fabrication Facilities

Activity Number: PER20190001

Permit Number: Surface Coating/Fabrication General Master Permit

Air - Minor Gen Permit-Surf Coat & Fab Mod

Group: PCS 0002 Abrasive Blasting

ARE 0010 - Abrasive Blasting Vented Enclosures Subject to NESHAP XXXXXX

34 [40 CFR 63.11516(a)(3)(ii)]

Visible emissions monitored by 40 CFR 60, Appendix A, Method 22 daily on each day the process is in operation, during the operation of the process. Perform visual determinations at the fence line or property border nearest to the outdoor dry abrasive blasting operation, for abrasive blasting performed outdoors. Perform visual determinations at the primary vent, stack, exit, or opening from the building containing the abrasive blasting operations, for abrasive blasting performed indoors.

If no visible fugitive emissions are detected in consecutive daily EPA Method 22 tests, performed in accordance with 40 CFR 63.11517(b)(1) for 10 days of work day operation of the process, visible emissions monitored by 40 CFR 60, Appendix A, Method 22 weekly. If visible fugitive emissions are detected during these tests, resume EPA Method 22 testing of that operation once per day during each day that the process is in operation, in accordance with 40 CFR 63.11517(b)(1).

If no visible fugitive emissions are detected in four consecutive weekly EPA Method 22 tests, performed in accordance with 40 CFR 63.11517(b)(2), visible emissions monitored by 40 CFR 60, Appendix A, Method 22 monthly. If visible fugitive emissions are detected during these tests, resume weekly EPA Method 22 tests in accordance with 40 CFR 63.11517(b)(2).

If no visible fugitive emissions are detected in three consecutive monthly EPA Method 22 tests, performed in accordance with 40 CFR 63.11517(b)(3), visible emissions monitored by 40 CFR 60, Appendix A, Method 22 quarterly. If visible fugitive emissions are detected during these tests, resume monthly EPA Method 22 tests in accordance with 40 CFR 63.11517(b)(3). Subpart XXXXXX. [40 CFR 63.11517(b)(1), 40 CFR 63.11516(a)(3)(ii), 40 CFR 63.11517(b)(2), 40 CFR 63.11517(b)(3)]

Which Months: All Year Statistical Basis: None specified

35 [40 CFR 63.11516(a)(3)(iv)]

Perform corrective actions until any visible fugitive emissions are eliminated. After visible emissions are eliminated, perform a follow-up inspection for visible fugitive emissions in accordance with 40 CFR 63.11517(a). Subpart XXXXXX. [40 CFR 63.11516(a)(3)(iv)]

36 [40 CFR 63.11519(b)(1)]

Submit Certification and Compliance Report: Due annually, by the 31st of January. Include the information specified in 40 CFR 63.11519(b)(4) through (b)(9), as applicable. Keep the report in a readily-accessible location for inspector review. Submit exceedance report with the certification and compliance report if an exceedance has occurred during the year. Subpart XXXXXX. [40 CFR 63.11519(b)(1)]

37 [40 CFR 63.11519(c)(15)]

Keep records in a form suitable and readily available for expeditious review, according to 40 CFR 63.10(b)(1). Keep each record for 5 years following the date of each occurrence, measurement, corrective action, report, or record. Keep each record on-site for at least 2 years after the date of each occurrence, measurement, corrective action, report, or record according to 40 CFR 63.10(b)(1). The remaining 3 years may be kept off-site. Subpart XXXXXX. [40 CFR 63.11519(c)(15)]

38 [40 CFR 63.11519(c)]

Equipment/operational data recordkeeping by electronic or hard copy at the regulation's specified frequency. Keep records of the information specified in 40 CFR 63.11519(c)(1) through (c)(14), as applicable. Subpart XXXXXX. [40 CFR 63.11519(c)]

39 [40 CFR 63.]

All affected facilities shall comply with all applicable provisions in 40 CFR 63 Subpart A as delineated in Table 4 of 40 CFR 63 Subpart XXXXXX.

ARE 0012 - Abrasive Blasting Enclosed and Unvented Subject to NESHAP XXXXXX

SPECIFIC REQUIREMENTS

AI ID: 163497 - Minor Source Air General Permit for Surface Coating & Fabrication Facilities

Activity Number: PER20190001

Permit Number: Surface Coating/Fabrication General Master Permit

Air - Minor Gen Permit-Surf Coat & Fab Mod

Group: PCS 0002 Abrasive Blasting

ARE 0012 - Abrasive Blasting Enclosed and Unvented Subject to NESHAP XXXXXX

- 40 [40 CFR 63.11516(a)(1)(i)] Minimize dust generation during emptying of abrasive blasting enclosures. Subpart XXXXXX. [40 CFR 63.11516(a)(1)(i)]
- 41 [40 CFR 63.11516(a)(1)(ii)] Operate all equipment associated with dry abrasive blasting operations according to the manufacturer's instructions. Subpart XXXXXX. [40 CFR 63.11516(a)(1)(ii)]
- 42 [40 CFR 63.11519(b)(1)] Submit Certification and Compliance Report: Due annually, by the 31st of January. Include the information specified in 40 CFR 63.11519(b)(4) through (b)(9), as applicable. Keep the report in a readily-accessible location for inspector review. Submit exceedance report with the certification and compliance report if an exceedance has occurred during the year. Subpart XXXXXX. [40 CFR 63.11519(b)(1)]
- 43 [40 CFR 63.11519(c)(15)] Keep records in a form suitable and readily available for expeditious review, according to 40 CFR 63.10(b)(1). Keep each record for 5 years following the date of each occurrence, measurement, corrective action, report, or record. Keep each record on-site for at least 2 years after the date of each occurrence, measurement, corrective action, report, or record according to 40 CFR 63.10(b)(1). The remaining 3 years may be kept off-site. Subpart XXXXXX. [40 CFR 63.11519(c)(15)]
- 44 [40 CFR 63.11519(c)] Equipment/operational data recordkeeping by electronic or hard copy at the regulation's specified frequency. Keep records of the information specified in 40 CFR 63.11519(c)(1) through (c)(14), as applicable. Subpart XXXXXX. [40 CFR 63.11519(c)]
- 45 [40 CFR 63.] All affected facilities shall comply with all applicable provisions in 40 CFR 63 Subpart A as delineated in Table 4 of 40 CFR 63 Subpart XXXXXX.

Group: PCS 0004 Diesel Internal Combustion Engines

Group Members: EQT 0005 EQT 0006 EQT 0007 EQT 0008 EQT 0015 EQT 0016

EQT 0005 - Diesel Engines (New engine NESHAP ZZZZ)

- 46 [40 CFR 63.6590(c)] Meet the requirements of 40 CFR 60 Subpart IIII for compression ignition engines. Subpart ZZZZ. [40 CFR 63.6590(c)]
- 47 [LAC 33:III.1101.B] Opacity <= 20 percent, except for emissions that have an average opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes.
Which Months: All Year Statistical Basis: None specified
- 48 [LAC 33:III.1311.C] Opacity <= 20 percent, except for emissions that have an average opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes.
Which Months: All Year Statistical Basis: Six-minute average

EQT 0006 - Diesel ICEs With Catalytic Controls >= 500 hp & Operating > 720 Hours in Any 6-Month Period and Not Subject to NSPS IIII

SPECIFIC REQUIREMENTS

AI ID: 163497 - Minor Source Air General Permit for Surface Coating & Fabrication Facilities

Activity Number: PER20190001

Permit Number: Surface Coating/Fabrication General Master Permit

Air - Minor Gen Permit-Surf Coat & Fab Mod

Group: PCS 0004 Diesel Internal Combustion Engines

EQT 0006 - Diesel ICEs With Catalytic Controls >= 500 hp & Operating > 720 Hours in Any 6-Month Period and Not Subject to NSPS IIII

49 [LAC 33:III.501.C.6]

Conduct a performance/emissions test: Due under any of the following circumstances:

1. Within 180 days of initial start-up (or restart-up after modification); or within 60 days of achieving normal production or completing shutdown period, whichever is earlier; or
2. Within 180 days of the issuance of this permit, for existing sources that have never conducted a performance/emissions test required by an air permit; or
3. Within 180 days of a major engine overhaul; or
4. Within 5 years, plus or minus 6 months, from when the previous performance/emissions test was performed.

If this source is not operational when a performance/emissions test is due, the test shall be due within 60 days of startup. Item 4 shall apply to sources firing natural gas, other gaseous fuels, or fuel oil that have a potential to emit SO₂ greater than or equal to its PSD Significance Level and less than its Major Source Threshold.

50 [LAC 33:III.501.C.6]

Equipment/operational data recordkeeping by electronic or hard copy annually. Recorded parameters are NO_x, CO, and O₂ concentrations in the stack gas obtained during annual testing.

51 [LAC 33:III.501.C.6]

Operating rate monitored by technically sound method daily. This condition shall not apply if the most recent LDEQ required performance/emissions test was conducted at greater than or equal to 80% of the maximum permitted load.

52 [LAC 33:III.501.C.6]

Which Months: All Year Statistical Basis: None specified

53 [LAC 33:III.501.C.6]

Operating rate recordkeeping by electronic or hard copy daily. This condition shall not apply if the most recent LDEQ required performance/emissions test was conducted at greater than or equal to 80% of the maximum permitted load.

54 [LAC 33:III.501.C.6]

Stack gas concentration: Carbon monoxide (CO) monitored by portable analyzer annually (twelve months after the stack test or previous annual test, plus or minus 30 days). Maintain concentrations of CO in the same range as during the initial stack test. Calibrate portable analyzers before each test using a known reference gas sample.

55 [LAC 33:III.501.C.6]

Which Months: All Year Statistical Basis: None specified

56 [LAC 33:III.501.C.6]

Stack gas concentration: Nitrogen oxides (NO_x) monitored by portable analyzer annually (twelve months after the stack test or previous annual test, plus or minus 30 days). Maintain concentrations of NO_x in the same range as during the initial stack test. Calibrate portable analyzers before each test using a known reference gas sample.

57 [LAC 33:III.501.C.6]

Which Months: All Year Statistical Basis: None specified

58 [LAC 33:III.501.C.6]

Stack gas concentration: Oxygen monitored by portable analyzer annually (twelve months after the stack test or previous annual test, plus or minus 30 days). Maintain concentrations of O₂ in the same range as during the initial stack test. Calibrate portable analyzers before each test using a known reference gas sample.

Which Months: All Year Statistical Basis: None specified

SPECIFIC REQUIREMENTS

AI ID: 163497 - Minor Source Air General Permit for Surface Coating & Fabrication Facilities

Activity Number: PER20190001

Permit Number: Surface Coating/Fabrication General Master Permit

Air - Minor Gen Permit-Surf Coat & Fab Mod

Troup: PCS 0004 Diesel Internal Combustion Engines

EQT 0006 - Diesel ICEs With Catalytic Controls >= 500 hp & Operating > 720 Hours in Any 6-Month Period and Not Subject to NSPS IIII

56 [LAC 33:III.501.C.6]

Submit Notification: Due within 60 days to the Office of Environmental Services if the source is operated at a load that is more than 10 percent higher than the rate at which the most recent LDEQ required performance/emissions test was conducted. Determine the operating load of the source based on a 30 day rolling average. Calculate the increase in operating load as a percentage of the rate at which the most recent performance/emissions test was conducted. Include information identifying the source, the data used to calculate the operating rate during the 30 day rolling average, and a description of the circumstances that caused the source to operate more than 10 percent higher than the rate at which the most recent performance/emissions test was conducted. This condition shall not apply if the most recent LDEQ required performance/emissions test was conducted at greater than or equal to 80% of the maximum permitted load.

57 [LAC 33:III.501.C.6]

Submit notification: Due to the Office of Environmental Services at least 30 days prior to any LDEQ required performance/emissions test. Submit notification in order to provide the opportunity to conduct a pretest meeting and observe the emission testing. Submit notification at least 45 days prior to the deadline specified in this permit indicating the reason that the test will not be conducted by the specified deadline, if any LDEQ required performance/emissions test will not be conducted by the deadline specified in this permit. This notification will be evaluated by the department on a case-by-case basis to determine if an extension to the deadline for testing specified in this permit is warranted. The deadline for testing specified in this permit shall remain in effect until the department responds in writing with an extension to this deadline.

58 [LAC 33:III.501.C.6]

Submit report: Due within 60 days after performance/emissions test. Submit performance/emissions test results to the Office of Environmental Services. Include any necessary conversion into the units of any applicable standard (lbs/MMBtu, gr/dscf, lbs SO₂ / ton 100% H₂SO₄, etc.). Include plant and in house laboratory data to support production values (example: how many tons of 100% equivalent H₂SO₄ was being produced).

EQT 0007 - Diesel ICEs Without Catalytic Controls >= 500 hp & Operating > 720 Hours in Any 6-Month Period and Not Subject to NSPS IIII

59 [LAC 33:III.501.C.6]

Conduct a performance/emissions test: Due under any of the following circumstances:

1. Within 180 days of initial start-up (or restart-up after modification); or within 60 days of achieving normal production or completing shutdown period, whichever is earlier; or
2. Within 180 days of the issuance of this permit, for existing sources that have never conducted a performance/emissions test required by an air permit; or
3. Within 180 days of a major engine overhaul; or
4. Within 5 years, plus or minus 6 months, from when the previous performance/emissions test was performed.

If this source is not operational when a performance/emissions test is due, the test shall be due within 60 days of startup. Item 4 shall apply to sources firing natural gas, other gaseous fuels, or fuel oil that have a potential to emit SO₂ greater than or equal to its PSD Significance Level and less than its Major Source Threshold.

Operating rate monitored by technically sound method daily. This condition shall not apply if the most recent LDEQ required performance/emissions test was conducted at greater than or equal to 80% of the maximum permitted load.
Which Months: All Year Statistical Basis: None specified

60 [LAC 33:III.501.C.6]

SPECIFIC REQUIREMENTS

AI ID: 163497 - Minor Source Air General Permit for Surface Coating & Fabrication Facilities

Activity Number: PER20190001

Permit Number: Surface Coating/Fabrication General Master Permit

Air - Minor Gen Permit-Surf Coat & Fab Mod

Group: PCS 0004 Diesel Internal Combustion Engines

EQT 0007 - Diesel ICES Without Catalytic Controls >= 500 hp & Operating > 720 Hours in Any 6-Month Period and Not Subject to NSPS IIII

- 61 [LAC 33:III.501.C.6] Operating rate recordkeeping by electronic or hard copy daily. This condition shall not apply if the most recent LDEQ required performance/emissions test was conducted at greater than or equal to 80% of the maximum permitted load.
- 62 [LAC 33:III.501.C.6] Option 1: Equipment/operational data recordkeeping by electronic or hard copy semiannually. Recorded parameters are NOx, CO, and O2 concentrations in the stack gas obtained during semiannual testing.
- 63 [LAC 33:III.501.C.6] Option 1: Stack gas concentration: Carbon monoxide monitored by portable analyzer semiannually (six months after the stack test or previous semiannual test, plus or minus 30 days). Maintain concentrations of CO in the same range as during the initial stack test. Calibrate portable analyzers before each test using a known reference gas sample.
Which Months: All Year Statistical Basis: None specified
- 64 [LAC 33:III.501.C.6] Option 1: Stack gas concentration: Nitrogen oxides monitored by portable analyzer semiannually (six months after the stack test or previous semiannual test, plus or minus 30 days). Maintain concentrations of NOx in the same range as during the initial stack test. Calibrate portable analyzers before each test using a known reference gas sample.
Which Months: All Year Statistical Basis: None specified
- 65 [LAC 33:III.501.C.6] Option 1: Stack gas concentration: Oxygen monitored by portable analyzer semiannually (six months after the stack test or previous semiannual test, plus or minus 30 days). Maintain concentrations of O2 in the same range as during the initial stack test. Calibrate portable analyzers before each test using a known reference gas sample.
Which Months: All Year Statistical Basis: None specified
- 66 [LAC 33:III.501.C.6] Option 2: Equipment/operational data monitored by portable analyzer daily at manned stations, otherwise weekly. Maintain monitored parameters (intake manifold temperature and pressure, fuel header pressure, diesel rack position (fuel flow), and injector timing) in the same range as during the initial stack test.
Which Months: All Year Statistical Basis: None specified
- 67 [LAC 33:III.501.C.6] Option 2: Equipment/operational data recordkeeping by electronic or hard copy daily at manned stations, otherwise weekly. Record intake manifold temperature and pressure, fuel header pressure, diesel rack position (fuel flow), and injector timing.
- 68 [LAC 33:III.501.C.6] Submit Notification: Due within 60 days to the Office of Environmental Services if the source is operated at a load that is more than 10 percent higher than the rate at which the most recent LDEQ required performance/emissions test was conducted. Determine the operating load of the source based on a 30 day rolling average. Calculate the increase in operating load as a percentage of the rate at which the most recent performance/emissions test was conducted. Include information identifying the source, the data used to calculate the operating rate during the 30 day rolling average, and a description of the circumstances that caused the source to operate more than 10 percent higher than the rate at which the most recent performance/emissions test was conducted. This condition shall not apply if the most recent LDEQ required performance/emissions test was conducted at greater than or equal to 80% of the maximum permitted load.
- 69 [LAC 33:III.501.C.6] Submit notification: Due to the Office of Environmental Services at least 30 days prior to any LDEQ required performance/emissions test. Submit notification in order to provide the opportunity to conduct a pretest meeting and observe the emission testing. Submit notification at least 45 days prior to the deadline specified in this permit indicating the reason that the test will not be conducted by the specified deadline, if any LDEQ required performance/emissions test will not be conducted by the deadline specified in this permit. This notification will be evaluated by the department on a case-by-case basis to determine if an extension to the deadline for testing specified in this permit is warranted. The deadline for testing specified in this permit shall remain in effect until the department responds in writing with an extension to this deadline.

SPECIFIC REQUIREMENTS

AI ID: 163497 - Minor Source Air General Permit for Surface Coating & Fabrication Facilities

Activity Number: PER20190001

Permit Number: Surface Coating/Fabrication General Master Permit

Air - Minor Gen Permit-Surf Coat & Fab Mod

Group: PCS 0004 Diesel Internal Combustion Engines

EQT 0007 - Diesel ICEs Without Catalytic Controls >= 500 hp & Operating > 720 Hours in Any 6-Month Period and Not Subject to NSPS III

70 [LAC 33:III.501.C.6] Submit report: Due within 60 days after performance/emissions test. Submit performance/emissions test results to the Office of Environmental Services. Include any necessary conversion into the units of any applicable standard (lbs/MMBtu, gr/dscf, lbs SO₂ / ton 100% H₂SO₄, etc.). Include plant and in house laboratory data to support production values (example: how many tons of 100% equivalent H₂SO₄ was being produced).

EQT 0008 - Diesel ICEs - Engines Subject to NSPS III

- 71 [40 CFR 60.4204(C)(3)] Non-emergency stationary CI engines with a displacement of greater than or equal to 30 liters per cylinder: For engines installed on or after January 1, 2016, limit the emissions of NO_x in the stationary CI internal combustion engine exhaust to the following: (i) 2.5 g/HP-hr when maximum engine speed is less than 130 rpm; (ii) $6.7 \times n^{-0.20}$ g/HP-hr where n (maximum engine speed) is 130 or more but less than 2000 rpm; and (iii) 1.5 g/HP-hr where maximum engine speed is greater than or equal to 2000 rpm. [40 CFR 60.4204(C)(3)]
- 72 [40 CFR 60.4204(a)] Pre-2007 year Models, Non-Emergency Use, < 10 L/cylinder, or 2007-2010 year Models, <10 L/cylinder, and < 11 HP: Carbon monoxide (CO) <= 6.0 g/BHP-hr (8.0 g/KW-hr). Subpart III. [40 CFR 60.4204(a)]
Which Months: All Year Statistical Basis: None specified
- 73 [40 CFR 60.4204(a)] Pre-2007 year Models, Non-Emergency Use, < 10 L/cylinder, or 2007-2010 year Models, <10 L/cylinder, and < 11 HP: Particulate matter (10 microns or less) (PM10) <= 0.75 g/BHP-hr (1.0 g/KW-hr). Subpart III. [40 CFR 60.4204(a)]
Which Months: All Year Statistical Basis: None specified
- 74 [40 CFR 60.4204(a)] Pre-2007 year Models, Non-Emergency Use, < 10 L/cylinder, or 2007-2010 year Models, <10 L/cylinder, and >= 11 HP < 25 HP: Carbon monoxide (CO) <= 4.9 g/BHP-hr (6.6 g/KW-hr). Subpart III. [40 CFR 60.4204(a)]
Which Months: All Year Statistical Basis: None specified
- 75 [40 CFR 60.4204(a)] Pre-2007 year Models, Non-Emergency Use, < 10 L/cylinder, or 2007-2010 year Models, <10 L/cylinder, and >= 11 HP < 50 HP: Non-methane hydrocarbons plus Nitrogen oxides (NO_x) <= 7.1 g/BHP-hr (9.5 g/KW-hr). Subpart III. [40 CFR 60.4204(a)]
Which Months: All Year Statistical Basis: None specified
- 76 [40 CFR 60.4204(a)] Pre-2007 year Models, Non-Emergency Use, < 10 L/cylinder, or 2007-2010 year Models, <10 L/cylinder, and >= 11 HP < 50 HP: Particulate matter (10 microns or less) (PM10) <= 0.60 g/BHP-hr (0.80 g/KW-hr). Subpart III. [40 CFR 60.4204(a)]
Which Months: All Year Statistical Basis: None specified
- 77 [40 CFR 60.4204(a)] Pre-2007 year Models, Non-Emergency Use, < 10 L/cylinder, or 2007-2010 year Models, <10 L/cylinder, and >= 175 HP: Carbon monoxide (CO) <= 8.5 g/BHP-hr (11.4 g/KW-hr). Subpart III. [40 CFR 60.4204(a)]
Which Months: All Year Statistical Basis: None specified
- 78 [40 CFR 60.4204(a)] Pre-2007 year Models, Non-Emergency Use, < 10 L/cylinder, or 2007-2010 year Models, <10 L/cylinder, and >= 175 HP: Particulate matter (10 microns or less) (PM10) <= 0.40 g/BHP-hr (0.54 g/KW-hr). Subpart III. [40 CFR 60.4204(a)]
Which Months: All Year Statistical Basis: None specified
- 79 [40 CFR 60.4204(a)] Pre-2007 year Models, Non-Emergency Use, < 10 L/cylinder, or 2007-2010 year Models, <10 L/cylinder, and >= 175 HP: Total hydrocarbon <= 1.0 g/BHP-hr (1.3 g/KW-hr). Subpart III. [40 CFR 60.4204(a)]
Which Months: All Year Statistical Basis: None specified

SPECIFIC REQUIREMENTS

AI ID: 163497 - Minor Source Air General Permit for Surface Coating & Fabrication Facilities

Activity Number: PER20190001

Permit Number: Surface Coating/Fabrication General Master Permit

Air - Minor Gen Permit-Surf Coat & Fab Mod

Group: PCS 0004 Diesel Internal Combustion Engines

EQT 0008 - Diesel ICEs - Engines Subject to NSPS IIII

- 80 [40 CFR 60.4204(a)] Pre-2007 year Models, Non-Emergency Use, < 10 L/cylinder, or 2007-2010 year Models, <10 L/cylinder, and >= 25 HP < 50 HP: Carbon monoxide (CO) <= 4.1 g/BHP-hr (5.5 g/KW-hr). Subpart IIII. [40 CFR 60.4204(a)]
Which Months: All Year Statistical Basis: None specified
- 81 [40 CFR 60.4204(a)] Pre-2007 year Models, Non-Emergency Use, < 10 L/cylinder, or 2007-2010 year Models, <10 L/cylinder, and >= 50 HP < 750 HP: Nitrogen oxides (NOx) <= 6.9 g/BHP-hr (9.2 g/KW-hr). Subpart IIII. [40 CFR 60.4204(a)]
Which Months: All Year Statistical Basis: None specified
- 82 [40 CFR 60.4204(a)] Pre-2007 year Models, Non-Emergency Use, < 10 L/cylinder, or 2007-2010 year Models, <10 L/cylinder, and < 11 HP: Non-methane hydrocarbons plus Nitrogen oxides (NOx) <= 7.8 g/BHP-hr (10.5 g/KW-hr). Subpart IIII. [40 CFR 60.4204(a)]
Which Months: All Year Statistical Basis: None specified
- 83 [40 CFR 60.4204(a)] Pre-2007 year Models, Non-Emergency Use, >= 10 L/cylinder, and Max Test Speed >= 130 RPM < 2000 RPM: Nitrogen oxides <= 33.6 x N⁻²⁰ g/BHP-hr (45.0 x N⁻²⁰ g/KW-hr), where N is the appropriate maximum test speed in RPM. Note: Round speed-dependent standards to the nearest 0.1 g/BHP-hr. Subpart IIII. [40 CFR 60.4204(a)]
- 84 [40 CFR 60.4204(a)] Pre-2007 year Models, Non-Emergency Use, >= 10 L/cylinder < 30 L/cylinder, and Max Test Speed >= 2000 RPM: Nitrogen oxides <= 7.3 g/BHP-hr (9.8 g/KW-hr). Subpart IIII. [40 CFR 60.4204(a)]
Which Months: All Year Statistical Basis: None specified
- 85 [40 CFR 60.4204(a)] Pre-2007 year Models, Non-Emergency Use, >= 10 L/cylinder < 30 L/cylinder, and Max Test Speed < 130 RPM: Nitrogen oxides <= 12.7 g/BHP-hr (17.0 g/KW-hr). Subpart IIII. [40 CFR 60.4204(a)]
Which Months: All Year Statistical Basis: None specified
- 86 [40 CFR 60.4204(b)] >= 2007 year Models, Non-Emergency Use, and < 30 L/cylinder: Comply with the emission standards for new CI engines in 40 CFR 60.4201, as applicable. Subpart IIII. [40 CFR 60.4204(b)]
- 87 [40 CFR 60.4204(c)(1)] All Models, Non-Emergency Use, and >= 30 L/cylinder (Option 1): Nitrogen oxides >= 90 % reduction. Subpart IIII. [40 CFR 60.4204(c)(1)]
Which Months: All Year Statistical Basis: None specified
- 88 [40 CFR 60.4204(c)(1)] All Models, Non-Emergency Use, and >= 30 L/cylinder (Option 2): Nitrogen oxides <= 1.2 g/BHP-hr (1.6 g/KW-hr). Subpart IIII. [40 CFR 60.4204(c)(1)]
Which Months: All Year Statistical Basis: None specified
- 89 [40 CFR 60.4204(c)(1)] Non-emergency stationary CI engines with a displacement of greater than or equal to 30 liters per cylinder: For engines installed prior to January 1, 2012, limit the emissions of NOx in the stationary CI internal combustion engine exhaust to the following: (i) 12.7 grams per horsepower-hr (g/HP-hr) when maximum engine speed is less than 130 revolutions per minute (rpm); (ii) 34 x n^{-0.2} g/HP-hr when maximum engine speed is 130 or more but less than 2000 rpm, where n is maximum engine speed; and (iii) 7.3 g/HP-hr when maximum engine speed is 2000 rpm or more. [40 CFR 60.4204(c)(1)]
- 90 [40 CFR 60.4204(c)(2)] Non-emergency stationary CI engines with a displacement of greater than or equal to 30 liters per cylinder: For engines installed on or after January 1, 2012 and before January 1, 2016, limit the emissions of NOx in the stationary CI internal combustion engine exhaust to the following: (i) 10.7 g/HP-hr when maximum engine speed is less than 130 rpm; (ii) 33 x n^{-0.23} g/HP-hr when maximum engine speed is greater than or equal to 130 but less than 2000 rpm and where n is maximum engine speed; and (iii) 5.7 g/HP-hr when maximum engine speed is greater than or equal to 2000 rpm. [40 CFR 60.4204(c)(2)]

SPECIFIC REQUIREMENTS

AI ID: 163497 - Minor Source Air General Permit for Surface Coating & Fabrication Facilities

Activity Number: PER20190001

Permit Number: Surface Coating/Fabrication General Master Permit

Air - Minor Gen Permit-Surf Coat & Fab Mod

Group: PCS 0004 Diesel Internal Combustion Engines

EQT 0008 - Diesel ICEs - Engines Subject to NSPS IIII

- 91 [40 CFR 60.4204(c)(4)] All Models, Non-Emergency Use, and ≥ 30 L/cylinder (Option 1): Particulate matter (10 microns or less) (PM10) ≥ 60 % reduction. Subpart IIII. [40 CFR 60.4204(c)(4)]
Which Months: All Year Statistical Basis: None specified
- 92 [40 CFR 60.4204(c)(4)] All Models, Non-Emergency Use, and ≥ 30 L/cylinder (Option 2): Particulate matter (10 microns or less) (PM10) ≤ 0.11 g/BHP-hr (0.15 g/KW-hr). Subpart IIII. [40 CFR 60.4204(c)(4)]
Which Months: All Year Statistical Basis: None specified
- 93 [40 CFR 60.4204(d)] Owners and operators of non-emergency stationary CI ICE with a displacement of less than 30 liters per cylinder who conduct performance tests in-use must meet the not-to-exceed (NTE) standards as indicated in 40 CFR 60.4212. [40 CFR 60.4204(d)]
- 94 [40 CFR 60.4204(e)] Owners and operators of any modified or reconstructed non-emergency stationary CI ICE subject to Subpart IIII must meet the emission standards applicable to the model year, maximum engine power, and displacement of the modified or reconstructed non-emergency stationary CI ICE that are specified in 40 CFR 60.4204(a)-(d). [40 CFR 60.4204(e)]
- 95 [40 CFR 60.4204(f)] Owners and operators of stationary CI ICE certified to the standards in 40 CFR 1039 and equipped with auxiliary emission control devices (AECs) as specified in 40 CFR 1039.665 must meet the Tier 1 certification emission standards for new nonroad CI engines in 40 CFR 89.112 while the AEC is activated during a qualified emergency situation. A qualified emergency situation is defined in 40 CFR 1039.665. When the qualified emergency situation has ended and the AEC is deactivated, the engine must resume meeting the otherwise applicable emission standard specified in 40 CFR 60.4204. [40 CFR 60.4204(f)]
- 96 [40 CFR 60.4205(a)] Pre-2007 year Models, Emergency Use excluding Fire Pump Engines, < 10 L/cylinder, and < 11 HP: Carbon monoxide ≤ 6.0 g/BHP-hr (8.0 g/KW-hr). Subpart IIII. [40 CFR 60.4205(a)]
Which Months: All Year Statistical Basis: None specified
- 97 [40 CFR 60.4205(a)] Pre-2007 year Models, Emergency Use excluding Fire Pump Engines, < 10 L/cylinder, and < 11 HP: Non-methane hydrocarbons plus Nitrogen oxides ≤ 7.8 g/BHP-hr (10.5 g/KW-hr). Subpart IIII. [40 CFR 60.4205(a)]
Which Months: All Year Statistical Basis: None specified
- 98 [40 CFR 60.4205(a)] Pre-2007 year Models, Emergency Use excluding Fire Pump Engines, < 10 L/cylinder, and < 11 HP: Particulate matter (10 microns or less) ≤ 0.75 g/BHP-hr (1.0 g/KW-hr). Subpart IIII. [40 CFR 60.4205(a)]
Which Months: All Year Statistical Basis: None specified
- 99 [40 CFR 60.4205(a)] Pre-2007 year Models, Emergency Use excluding Fire Pump Engines, < 10 L/cylinder, and ≥ 11 HP < 25 HP: Carbon monoxide ≤ 4.9 g/BHP-hr (6.6 g/KW-hr). Subpart IIII. [40 CFR 60.4205(a)]
Which Months: All Year Statistical Basis: None specified
- 100 [40 CFR 60.4205(a)] Pre-2007 year Models, Emergency Use excluding Fire Pump Engines, < 10 L/cylinder, and ≥ 11 HP < 50 HP: Non-methane hydrocarbons plus Nitrogen oxides ≤ 7.1 g/BHP-hr (9.5 g/KW-hr). Subpart IIII. [40 CFR 60.4205(a)]
Which Months: All Year Statistical Basis: None specified
- 101 [40 CFR 60.4205(a)] Pre-2007 year Models, Emergency Use excluding Fire Pump Engines, < 10 L/cylinder, and ≥ 11 HP < 50 HP: Particulate matter (10 microns or less) ≤ 0.60 g/BHP-hr (0.80 g/KW-hr). Subpart IIII. [40 CFR 60.4205(a)]
Which Months: All Year Statistical Basis: None specified

SPECIFIC REQUIREMENTS

AI ID: 163497 - Minor Source Air General Permit for Surface Coating & Fabrication Facilities

Activity Number: PER20190001

Permit Number: Surface Coating/Fabrication General Master Permit

Air - Minor Gen Permit-Surf Coat & Fab Mod

Group: PCS 0004 Diesel Internal Combustion Engines

EQT 0008 - Diesel ICEs - Engines Subject to NSPS IIII

- | | | |
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| 102 | [40 CFR 60.4205(a)] | Pre-2007 year Models, Emergency Use excluding Fire Pump Engines, < 10 L/cylinder, and >= 175 HP: Carbon monoxide <= 8.5 g/BHP-hr (11.4 g/KW-hr). Subpart IIII. [40 CFR 60.4205(a)]
Which Months: All Year Statistical Basis: None specified |
| 103 | [40 CFR 60.4205(a)] | Pre-2007 year Models, Emergency Use excluding Fire Pump Engines, < 10 L/cylinder, and >= 175 HP: Particulate matter (10 microns or less) <= 0.40 g/BHP-hr (0.54 g/KW-hr). Subpart IIII. [40 CFR 60.4205(a)]
Which Months: All Year Statistical Basis: None specified |
| 104 | [40 CFR 60.4205(a)] | Pre-2007 year Models, Emergency Use excluding Fire Pump Engines, < 10 L/cylinder, and >= 175 HP: Total hydrocarbon <= 1.0 g/BHP-hr (1.3 g/KW-hr). Subpart IIII. [40 CFR 60.4205(a)]
Which Months: All Year Statistical Basis: None specified |
| 105 | [40 CFR 60.4205(a)] | Pre-2007 year Models, Emergency Use excluding Fire Pump Engines, < 10 L/cylinder, and >= 25 HP < 50 HP: Carbon monoxide <= 4.1 g/BHP-hr (5.5 g/KW-hr). Subpart IIII. [40 CFR 60.4205(a)]
Which Months: All Year Statistical Basis: None specified |
| 106 | [40 CFR 60.4205(a)] | Pre-2007 year Models, Emergency Use excluding Fire Pump Engines, < 10 L/cylinder, and >= 50 HP < 750 HP: Nitrogen oxides (NOx) <= 6.9 g/BHP-hr (9.2 g/KW-hr). Subpart IIII. [40 CFR 60.4205(a)]
Which Months: All Year Statistical Basis: None specified |
| 107 | [40 CFR 60.4205(a)] | Pre-2007 year Models, Emergency Use excluding Fire Pump Engines, >= 10 L/cylinder < 30 L/cylinder, and Max Test Speed < 130 RPM: Nitrogen oxides <= 12.7 g/BHP-hr (17.0 g/KW-hr). Subpart IIII. [40 CFR 60.4205(a)]
Which Months: All Year Statistical Basis: None specified |
| 108 | [40 CFR 60.4205(a)] | Pre-2007 year Models, Emergency Use excluding Fire Pump Engines, >= 10 L/cylinder < 30 L/cylinder, and Max Test Speed >= 130 RPM < 2000 RPM: Nitrogen oxides <= 33.6 x N ² x N ⁻²⁰ g/BHP-hr (45.0 x N ² x N ⁻²⁰ g/KW-hr), where N is the appropriate maximum test speed in RPM.
Note: Round speed-dependent standards to the nearest 0.1 g/BHP-hr.) Subpart IIII. [40 CFR 60.4205(a)] |
| 109 | [40 CFR 60.4205(a)] | Pre-2007 year Models, Emergency Use excluding Fire Pump Engines, >= 10 L/cylinder < 30 L/cylinder, and Max Test Speed >= 2000 RPM: Nitrogen oxides <= 7.3 g/BHP-hr (9.8 g/KW-hr). Subpart IIII. [40 CFR 60.4205(a)]
Which Months: All Year Statistical Basis: None specified |
| 110 | [40 CFR 60.4205(b)] | >= 2007 year Models, Emergency Use excluding Fire Pump Engines, and < 30 L/cylinder: Comply with the emission standards for new nonroad CI engines in 40 CFR 60.4202, for all pollutants, for the same model year and maximum engine power. Subpart IIII. [40 CFR 60.4205(b)] |
| 111 | [40 CFR 60.4205(c)] | Fire Pump Engines, < 30 L/cylinder, <= 2010 year Models, and < 11 HP: Carbon monoxide <= 6.0 g/BHP-hr (8.0 g/KW-hr). Subpart IIII. [40 CFR 60.4205(c)]
Which Months: All Year Statistical Basis: None specified |
| 112 | [40 CFR 60.4205(c)] | Fire Pump Engines, < 30 L/cylinder, <= 2010 year Models, and < 11 HP: Particulate matter (10 microns or less) <= 0.75 g/BHP-hr (1.0 g/KW-hr). Subpart IIII. [40 CFR 60.4205(c)]
Which Months: All Year Statistical Basis: None specified |
| 113 | [40 CFR 60.4205(c)] | Fire Pump Engines, < 30 L/cylinder, <= 2010 year Models, and >= 11 HP < 25 HP: Carbon monoxide <= 4.9 g/BHP-hr (6.6 g/KW-hr). Subpart IIII. [40 CFR 60.4205(c)]
Which Months: All Year Statistical Basis: None specified |

SPECIFIC REQUIREMENTS

AI ID: 163497 - Minor Source Air General Permit for Surface Coating & Fabrication Facilities

Activity Number: PER20190001

Permit Number: Surface Coating/Fabrication General Master Permit

Air - Minor Gen Permit-Surf Coat & Fab Mod

Group: PCS 0004 Diesel Internal Combustion Engines

EQT 0008 - Diesel ICEs - Engines Subject to NSPS IIII

- 114 [40 CFR 60.4205(c)] Fire Pump Engines, < 30 L/cylinder, <= 2010 year Models, and >= 11 HP < 50 HP: Non-methane hydrocarbons plus Nitrogen oxides <= 7.1 g/BHP-hr (9.5 g/KW-hr). Subpart IIII. [40 CFR 60.4205(c)]
Which Months: All Year Statistical Basis: None specified
- 115 [40 CFR 60.4205(c)] Fire Pump Engines, < 30 L/cylinder, <= 2010 year Models, and >= 25 HP < 50 HP: Carbon monoxide <= 4.1 g/BHP-hr (5.5 g/KW-hr). Subpart IIII. [40 CFR 60.4205(c)]
Which Months: All Year Statistical Basis: None specified
- 116 [40 CFR 60.4205(c)] Fire Pump Engines, < 30 L/cylinder, >= 2008 year Models, and >= 750 HP: Non-methane hydrocarbons plus Nitrogen oxides <= 4.8 g/BHP-hr (6.4 g/KW-hr). Subpart IIII. [40 CFR 60.4205(c)]
Which Months: All Year Statistical Basis: None specified
- 117 [40 CFR 60.4205(c)] Fire Pump Engines, < 30 L/cylinder, >= 2011 year Models, and < 25 HP or >= 50 HP < 100 HP: Particulate matter (10 microns or less) <= 0.30 g/BHP-hr (0.40 g/KW-hr). Subpart IIII. [40 CFR 60.4205(c)]
Which Months: All Year Statistical Basis: None specified
- 118 [40 CFR 60.4205(c)] Fire Pump Engines, < 30 L/cylinder, >= 2011 year Models, and < 50 HP: Non-methane hydrocarbons plus Nitrogen oxides <= 5.6 g/BHP-hr (7.5 g/KW-hr). Subpart IIII. [40 CFR 60.4205(c)]
Which Months: All Year Statistical Basis: None specified
- 119 [40 CFR 60.4205(c)] Fire Pump Engines, < 30 L/cylinder, >= 2011 year Models, and >= 50 HP < 100 HP: Non-methane hydrocarbons plus Nitrogen oxides <= 3.5 g/BHP-hr (4.7 g/KW-hr). Note: 2011-2013 year models that are >= 50 HP < 100 HP with rated speed of > 2,650 rpm may comply with the emission limitations for 2010 year models of the same capacity. Subpart IIII. [40 CFR 60.4205(c)]
Which Months: All Year Statistical Basis: None specified
- 120 [40 CFR 60.4205(c)] Fire Pump Engines, < 30 L/cylinder, and <= 2010 year Models and >= 11 HP < 175 HP or <= 2009 year Models >= 100 HP < 175 HP: Particulate matter (10 microns or less) <= 0.60 g/BHP-hr (0.80 g/KW-hr). Subpart IIII. [40 CFR 60.4205(c)]
Which Months: All Year Statistical Basis: None specified
- 121 [40 CFR 60.4205(c)] Fire Pump Engines, < 30 L/cylinder, <= 2010 year Models and >= 50 HP < 100 HP, or <= 2009 year Models and >= 100 HP < 175 HP: Carbon monoxide <= 3.7 g/BHP-hr (5.0 g/KW-hr). Subpart IIII. [40 CFR 60.4205(c)]
Which Months: All Year Statistical Basis: None specified
- 122 [40 CFR 60.4205(c)] Fire Pump Engines, < 30 L/cylinder, and <= 2008 year Models and >= 175 HP < 750 HP, or <= 2007 year Models and > 750 HP: Carbon monoxide <= 2.6 g/BHP-hr (3.5 g/KW-hr). Subpart IIII. [40 CFR 60.4205(c)]
Which Months: All Year Statistical Basis: None specified
- 123 [40 CFR 60.4205(c)] Fire Pump Engines, < 30 L/cylinder, and <= 2008 year Models and >= 175 HP < 750 HP, or <= 2007 year Models and > 750 HP: Particulate matter (10 microns or less) <= 0.40 g/BHP-hr (0.54 g/KW-hr). Note: 2011-2013 year models that are >= 50 HP < 100 HP with rated speed of > 2,650 rpm may comply with the emission limitations for 2010 year models of the same capacity. [40 CFR 60.4205(c)]
Which Months: All Year Statistical Basis: None specified
- 124 [40 CFR 60.4205(c)] Fire Pump Engines, < 30 L/cylinder, and <= 2010 year Models and < 11 HP or >= 50 HP < 100 HP, or <= 2009 year Models and >= 100 HP < 175 HP, or <= 2008 year Models and >= 175 HP <= 750 HP, or <= 2007 year Models and > 750 HP: Non-methane hydrocarbons plus Nitrogen oxides <= 7.8 g/BHP-hr (10.5 g/KW-hr). Subpart IIII. [40 CFR 60.4205(c)]
Which Months: All Year Statistical Basis: None specified

SPECIFIC REQUIREMENTS

AI ID: 163497 - Minor Source Air General Permit for Surface Coating & Fabrication Facilities

Activity Number: PER20190001

Permit Number: Surface Coating/Fabrication General Master Permit

Air - Minor Gen Permit-Surf Coat & Fab Mod

Group: PCS 0004 Diesel Internal Combustion Engines

EQT 0008 - Diesel ICEs - Engines Subject to NSPS IIII

- 125 [40 CFR 60.4205(c)] Fire Pump Engines: < 30 L/cylinder; and >= 2009 year Models and >= 175 HP < 750 HP, or >= 2008 year Models and > 750 HP: Particulate matter (10 microns or less) <= 0.15 g/BHP-hr (0.20 g/KW-hr). Note: 2009-2011 year models that are >= 175 HP < 600 HP with rated speed of > 2,650 rpm may comply with the emission limitations for 2008 year models of the same capacity. Subpart IIII. [40 CFR 60.4205(c)]
Which Months: All Year Statistical Basis: None specified
- 126 [40 CFR 60.4205(c)] Fire Pump Engines; < 30 L/cylinder; and >= 2010 year Models and >= 100 HP < 175 HP, or >= 2009 year Models and >= 175 HP < 750 HP: Non-methane hydrocarbons plus Nitrogen oxides <= 3.0 g/BHP-hr (4.0 g/KW-hr). Note: 2009-2012 year models that are >= 100 HP < 600 HP with rated speed of > 2,650 rpm may comply with the emission limitations for 2008 - 2009 year models of the same capacity. Subpart IIII. [40 CFR 60.4205(c)]
Which Months: All Year Statistical Basis: None specified
- 127 [40 CFR 60.4205(c)] Fire Pump Engines; < 30 L/cylinder; and >= 2011 year Models and >= 25 HP < 50 HP, or >= 2010 year Models and >= 100 HP < 175 HP: Particulate matter (10 microns or less) <= 0.22 g/BHP-hr (0.30 g/KW-hr). Note: 2010-2012 year models that are >= 100 HP < 175 HP with rated speed of > 2,650 rpm may comply with the emission limitations for 2009 year models of the same capacity. Subpart IIII. [40 CFR 60.4205(c)]
Which Months: All Year Statistical Basis: None specified
- 128 [40 CFR 60.4205(d)(1)] Emergency stationary CI engines with a displacement of greater than or equal to 30 liters per cylinder: For engines installed prior to January 1, 2012, limit the emissions of NOx in the stationary CI internal combustion engine exhaust to the following: (i) 12.7 g/HP-hr when maximum engine speed is less than 130 rpm; (ii) $34 \times n^{-0.2}$ g/HP-hr when maximum engine speed is 130 or more but less than 2000 rpm, where n is maximum engine speed; and (iii) 7.3 g/HP-hr when maximum engine speed is 2000 rpm or more. [40 CFR 60.4205(d)(1)]
Emergency stationary CI engines with a displacement of greater than or equal to 30 liters per cylinder: For engines installed on or after January 1, 2012, limit the emissions of NOx in the stationary CI internal combustion engine exhaust to the following: (i) 10.7 g/HP-hr when maximum engine speed is less than 130 rpm; (ii) $33 \times n^{-0.23}$ g/HP-hr when maximum engine speed is greater than or equal to 130 but less than 2000 rpm and where n is maximum engine speed; and (iii) 5.7 g/HP-hr when maximum engine speed is greater than or equal to 2000 rpm. [40 CFR 60.4205(d)(2)]
- 129 [40 CFR 60.4205(d)(2)] Emergency stationary CI engines with a displacement of greater than or equal to 30 liters per cylinder: Limit the emissions of PM in the stationary CI internal combustion engine exhaust to 0.30 g/HP-hr. [40 CFR 60.4205(d)(3)]
Operate and maintain stationary CI ICE according to the manufacturer's written instructions or procedures developed by the owner or operator that are approved by the engine manufacturer, over the entire life of the engine. Subpart IIII.
- 132 [40 CFR 60.4207(a)] Beginning October 1, 2007, use diesel fuel that meets the requirements of 40 CFR 80.510(a). Subpart IIII. [40 CFR 60.4207(a)]
- 133 [40 CFR 60.4207(b)] Beginning October 1, 2010, use diesel fuel that meets the requirements of 40 CFR 80.510(b) for nonroad diesel fuel. Subpart IIII. [40 CFR 60.4207(b)]
- 134 [40 CFR 60.4207(d)] Beginning June 1, 2012, owners and operators of stationary CI ICE subject to Subpart IIII with a displacement of greater than or equal to 30 liters per cylinder are no longer subject to the requirements of 40 CFR 60.4207(a), and must use fuel that meets a maximum per-gallon sulfur content of 1000 parts per million (ppm). [40 CFR 60.4207(d)]
- 135 [40 CFR 60.4208] Comply with all applicable deadlines specified in 40 CFR 60.4208(a) through (h). Subpart IIII.

SPECIFIC REQUIREMENTS

AI ID: 163497 - Minor Source Air General Permit for Surface Coating & Fabrication Facilities

Activity Number: PER20190001

Permit Number: Surface Coating/Fabrication General Master Permit

Air - Minor Gen Permit-Surf Coat & Fab Mod

Group: PCS 0004 Diesel Internal Combustion Engines

EQT 0008 - Diesel ICEs - Engines Subject to NSPS III

- 136 [40 CFR 60.4209(a)] All Models, All Emergency Use, All Displacements: Operating time monitored by hour/time monitor continuously during operation. Install a non-resettable hour meter prior to startup of the engine. Subpart III. [40 CFR 60.4209(a)]
Which Months: All Year Statistical Basis: None specified
Engines Equipped w/ Diesel Particulate Filter: Pressure monitored by pressure instrument continuously during operation. Install a backpressure monitor on the diesel particulate filter that notifies the owner or operator when the high backpressure limit of the engine is approached. Subpart III. [40 CFR 60.4209(b)]
- 137 [40 CFR 60.4209(b)] Which Months: All Year Statistical Basis: None specified
Operate and maintain the stationary CI internal combustion engine and control device according to the manufacturer's written instructions or procedures developed by the owner or operator that are approved by the engine manufacturer. In addition, only change those settings that are permitted by the manufacturer. Also meet the requirements of 40 CFR 89, 94 and/or 1068, as applicable. Subpart III. [40 CFR 60.4211(a)]
If you are an owner or operator of a pre-2007 model year stationary CI internal combustion engine and must comply with the emission standards specified in 40 CFR 60.4204(a) or 60.4205(a), or if you are an owner or operator of a CI fire pump engine that is manufactured prior to the model years in table 3 to Subpart III and must comply with the emission standards specified in 40 CFR 60.4205(c), you must demonstrate compliance according to one of the methods specified in 40 CFR 60.4211(b)(1)-(5). [40 CFR 60.4211(b)]
- 138 [40 CFR 60.4211(a)] If you are an owner or operator of a 2007 model year and later stationary CI internal combustion engine and must comply with the emission standards specified in 40 CFR 60.4204(b) or 60.4205(b), or if you are an owner or operator of a CI fire pump engine that is manufactured during or after the model year that applies to your fire pump engine power rating in table 3 to Subpart III and must comply with the emission standards specified in 40 CFR 60.4205(c), you must comply by purchasing an engine certified to the emission standards in 40 CFR 60.4204(b), or 40 CFR 60.4205(b) or (c), as applicable, for the same model year and maximum (or in the case of fire pumps, NFPA nameplate) engine power. The engine must be installed and configured according to the manufacturer's emission-related specifications, except as permitted in 40 CFR 60.4211(g). [40 CFR 60.4211(c)]
- 139 [40 CFR 60.4211(b)] All Models, All Uses, and \geq 30 L/cylinder: Conduct an initial performance test to demonstrate initial compliance with the emission standards as specified in 40 CFR 60.4213. Subpart III. [40 CFR 60.4211(d)(1)]
All Models, All Uses, and \geq 30 L/cylinder: Equipment/operational data monitored by technically sound method continuously. Subpart III. [40 CFR 60.4211(d)(2)]
- 140 [40 CFR 60.4211(c)] Which Months: All Year Statistical Basis: None specified
All Models, All Uses, and \geq 30 L/cylinder: Submit petition to LDEQ for approval of operating parameters to be monitored continuously. Include the information described in 40 CFR 60.4211(d)(2)(i) through (d)(2)(v). Subpart III. [40 CFR 60.4211(d)(2)]
- 141 [40 CFR 60.4211(d)(1)] All Models, Non-Emergency Use, and \geq 30 L/cylinder: Conduct annual performance tests to demonstrate continuous compliance with the emission standards as specified in 40 CFR 60.4213. Subpart III. [40 CFR 60.4211(d)(3)]
- 142 [40 CFR 60.4211(d)(2)] If you are an owner or operator of a modified or reconstructed stationary CI internal combustion engine and must comply with the emission standards specified in 40 CFR 60.4204(e) or 60.4205(f), you must demonstrate compliance according to one of the methods specified in 40 CFR 60.4211(e)(1) or (2). [40 CFR 60.4211(e)]
- 143 [40 CFR 60.4211(d)(3)] There is no time limit on the use of emergency stationary ICE in emergency situations. Subpart III. [40 CFR 60.4211(f)(1)]
- 144 [40 CFR 60.4211(e)]
- 145 [40 CFR 60.4211(f)(1)]
- 146 [40 CFR 60.4211(f)(1)]

SPECIFIC REQUIREMENTS

AI ID: 163497 - Minor Source Air General Permit for Surface Coating & Fabrication Facilities

Activity Number: PER20190001

Permit Number: Surface Coating/Fabrication General Master Permit

Air - Minor Gen Permit-Surf Coat & Fab Mod

Group: PCS 0004 Diesel Internal Combustion Engines

EQT 0008 - Diesel ICEs - Engines Subject to NSPS IIII

- 147 [40 CFR 60.4211(f)(2)(i)] Operate for maintenance checks and readiness testing for a maximum of 100 hours per calendar year, provided that the tests are recommended by the federal, state or local government; the manufacturer; the vendor; the regional transmission organization or equivalent balancing authority and transmission operator; or the insurance company associated with the engine. LDEQ may be petitioned for approval of additional hours to be used for maintenance checks and readiness testing, but a petition is not required if records are maintained indicating that federal, state, or local standards require maintenance and testing of emergency ICE beyond 100 hours per calendar year. Subpart IIII. [40 CFR 60.4211(f)(2)(i)]
- 148 [40 CFR 60.4211(f)(3)] Operate for up to 50 hours per calendar year in non-emergency situations. Count the 50 hours of operation in non-emergency situations as part of the 100 hours per calendar year for maintenance and testing provided in 40 CFR 60.4211(f)(2)(i). Do not use the 50 hours per calendar year for non-emergency situations for peak shaving or non-emergency demand response, or to generate income for a facility to an electric grid or otherwise supply power as part of a financial arrangement with another entity, except as provided in 40 CFR 60.4211(f)(3)(i). Subpart IIII. [40 CFR 60.4211(f)(3)]
- 149 [40 CFR 60.4211(f)] Operate according to the requirements in 40 CFR 60.4211(f)(1), (f)(2)(i), and (f)(3). In order for the engine to be considered an emergency stationary ICE under 40 CFR 60 Subpart IIII, any operation other than as described in 40 CFR 60.4211(f)(1), (f)(2)(i), and (f)(3) is prohibited. If the engine is not operated according to these requirements, the engine will not be considered an emergency engine under 40 CFR 60 Subpart IIII and must meet all requirements for non-emergency engines. Subpart IIII. [40 CFR 60.4211(f)]
- 150 [40 CFR 60.4211(g)] If you do not install, configure, operate, and maintain your engine and control device according to the manufacturer's emission-related written instructions, or you change emission-related settings in a way that is not permitted by the manufacturer, you must demonstrate compliance as described in 40 CFR 60.4211(g)(1)-(3). [40 CFR 60.4211(g)]
- 151 [40 CFR 60.4211(h)] The requirements for operators and prohibited acts specified in 40 CFR 1039.665 apply to owners or operators of stationary CI ICE equipped with AECs for qualified emergency situations as allowed by 40 CFR 1039.665. [40 CFR 60.4211(h)]
- 152 [40 CFR 60.4212] Owners and operators of stationary CI ICE with a displacement of less than 30 liters per cylinder who conduct performance tests pursuant to Subpart IIII must do so according to 40 CFR 60.4212(a)-(e).
- 153 [40 CFR 60.4213(d)] Engines subject to 40 CFR 62.4211(d) complying with percent reductions per 40 CFR 60.4204(c) or 4205(d): Determine compliance with the percent reduction requirement using the methods and procedures specified in 40 CFR 60.4213(d)(1) through (d)(3). Subpart IIII. [40 CFR 60.4213(d)]
- 154 [40 CFR 60.4213(e)] Engines subject to 40 CFR 62.4211(d) complying with NOx mass/unit output limit per 40 CFR 60.4204(c) or 4205(d): Determine compliance with the NOx mass per unit output emission limitation by converting the concentration of NOx in engine exhaust using 40 CFR 60.4213(e), Equation 7. Subpart IIII. [40 CFR 60.4213(e)]
- 155 [40 CFR 60.4213(f)] Engines subject to 40 CFR 62.4211(d) complying with PM mass/unit output limit per 40 CFR 60.4204(c) or 4205(d): Determine compliance with the PM mass per unit output emission limitation by converting the concentration of PM in the engine exhaust using 40 CFR 60.4213(f), Equation 8. Subpart IIII. [40 CFR 60.4213(f)]
- 156 [40 CFR 60.4213] Owners and operators of stationary CI ICE with a displacement of greater than or equal to 30 liters per cylinder must conduct performance tests according to 40 CFR 60.4213(a)-(f).
- 157 [40 CFR 60.4214(a)] Owners and operators of non-emergency stationary CI ICE that are greater than 3000 HP, or have a displacement of greater than or equal to 10 liters per cylinder, or are pre-2007 model year engines that are greater than 175 HP and not certified, must meet the requirements of 40 CFR 60.4214(a)(1) and (2). [40 CFR 60.4214(a)]

SPECIFIC REQUIREMENTS

AI ID: 163497 - Minor Source Air General Permit for Surface Coating & Fabrication Facilities

Activity Number: PER20190001

Permit Number: Surface Coating/Fabrication General Master Permit

Air - Minor Gen Permit-Surf Coat & Fab Mod

Group: PCS 0004 Diesel Internal Combustion Engines

EQT 0008 - Diesel ICEs - Engines Subject to NSPS IIII

- 158 [40 CFR 60.4214(b)] Emergency Use and >= 2011 year Model: Operating time recordkeeping by electronic or hard copy upon occurrence of event. If the emergency engine does not meet the standards applicable to non-emergency engines in the applicable model year, keep records of the operation of the engine in emergency and non-emergency service that are recorded through the non-resettable hour meter. Record the time of operation of the engine and the reason the engine was in operation during that time. Subpart IIII. [40 CFR 60.4214(b)]
- 159 [40 CFR 60.4214(c)] Engines Equipped with Diesel Particulate Filter: Equipment/operational data recordkeeping by electronic or hard copy upon occurrence of event. Keep records of any corrective action taken after the backpressure monitor has notified the owner or operator that the high backpressure limit of the engine is approached. Subpart IIII. [40 CFR 60.4214(c)]
- 160 [40 CFR 60.4214(e)] Owners or operators of stationary CI ICE equipped with AECDs pursuant to the requirements of 40 CFR 1039.665 must report the use of AECDs as required by 40 CFR 1039.665(e). [40 CFR 60.4214(e)]
- 161 [40 CFR 60.4218] Table 8 to Subpart IIII shows which parts of the General Provisions in 40 CFR 60.1 through 60.19 apply to you.

EQT 0015 - Diesel ICEs for Which Construction or Reconstruction Commenced On or After June 12, 2006

- 162 [40 CFR 63.6590(c)] Meet the requirements of 40 CFR 60 Subpart IIII for compression ignition engines or 40 CFR 60 Subpart JJJJ for spark ignition engines. Subpart ZZZZ. [40 CFR 63.6590(c)]

EQT 0016 - Diesel ICEs for Which Construction or Reconstruction Commenced Before June 12, 2006

- 163 [40 CFR 63.6595(a)(1)] If you have an existing stationary CI RICE located at an area source of HAP emissions, you must comply with the applicable emission limitations, operating limitations, and other requirements no later than May 3, 2013. [40 CFR 63.6595(a)(1)]
- 164 [40 CFR 63.6595(a)] Comply with all applicable requirements in 40 CFR 63 Subpart ZZZZ after engine selection and installation. Subpart ZZZZ. [40 CFR 63.6595(a)]
- 165 [40 CFR 63.6595(a)] Submit application modification: Due within 60 days of the engine installation, to incorporate specific requirements for that engine type. Subpart ZZZZ. [40 CFR 63.6595(a)]
- 166 [40 CFR 63.6603(a)] Comply with the requirements in Table 2d to Subpart ZZZZ and the operating limitations in Table 2b to Subpart ZZZZ that apply to you. [40 CFR 63.6603(a)]
- 167 [40 CFR 63.6603(e)] If you own or operate an existing non-emergency CI RICE with a site rating of more than 300 HP located at an area source of HAP emissions that is certified to the Tier 3 (Tier 2 for engines above 560 kilowatt (kW)) emission standards in Table 1 of 40 CFR 89.112, you may comply with the requirements under 40 CFR 63 by meeting the requirements for Tier 3 engines (Tier 2 for engines above 560 kW) in 40 CFR 60 Subpart IIII instead of the emission limitations and other requirements that would otherwise apply under 40 CFR 63 for existing non-emergency CI RICE with a site rating of more than 300 HP located at an area source of HAP emissions. [40 CFR 63.6603(e)]
- 168 [40 CFR 63.6604] If you own or operate an existing non-emergency, non-black start CI stationary RICE with a site rating of more than 300 brake HP with a displacement of less than 30 liters per cylinder that uses diesel fuel, you must use diesel fuel that meets the requirements in 40 CFR 80.510(b) for nonroad diesel fuel.

SPECIFIC REQUIREMENTS

AI ID: 163497 - Minor Source Air General Permit for Surface Coating & Fabrication Facilities

Activity Number: PER20190001

Permit Number: Surface Coating/Fabrication General Master Permit

Air - Minor Gen Permit-Surf Coat & Fab Mod

Group: PCS 0004 Diesel Internal Combustion Engines

EQT 0016 - Diesel ICEs for Which Construction or Reconstruction Commenced Before June 12, 2006

- 169 [40 CFR 63.6605] You must be in compliance with the emission limitations, operating limitations, and other requirements in Subpart ZZZZ that apply to you at all times. At all times you must operate and maintain any affected source, including associated air pollution control equipment and monitoring equipment, in a manner consistent with safety and good air pollution control practices for minimizing emissions. The general duty to minimize emissions does not require you to make any further efforts to reduce emissions if levels required by this standard have been achieved. Determination of whether such operation and maintenance procedures are being used will be based on information available to the Administrator which may include, but is not limited to, monitoring results, review of operation and maintenance procedures, review of operation and maintenance records, and inspection of the source.
- 170 [40 CFR 63.6612] You must conduct any initial performance test or other initial compliance demonstration according to Tables 4 and 5 to Subpart ZZZZ that apply to you within 180 days after the compliance date that is specified for your stationary RICE in 40 CFR 63.6595 and according to the provisions in 40 CFR 63.7(a)(2). An owner or operator is not required to conduct an initial performance test on a unit for which a performance test has been previously conducted, but the test must meet all of the conditions described in 40 CFR 63.6612(b)(1)-(4). If you must comply with the emission limitations and operating limitations, you must conduct subsequent performance tests as specified in Table 3 of Subpart ZZZZ.
- 171 [40 CFR 63.6615] You must conduct each performance test in Tables 3 and 4 of Subpart ZZZZ that applies to you. [40 CFR 63.6620(a)]
- 172 [40 CFR 63.6620(a)] Each performance test must be conducted according to the requirements that Subpart ZZZZ specifies in Table 4. If you own or operate a non-operational stationary RICE that is subject to performance testing, you do not need to start up the engine solely to conduct the performance test.
- 173 [40 CFR 63.6620(b)] Owners and operators of a non-operational engine can conduct the performance test when the engine is started up again. [40 CFR 63.6620(b)]
- 174 [40 CFR 63.6620(d)] Conduct three separate test runs for each performance test required in 40 CFR 63.6620, as specified in 40 CFR 63.7(e)(3). Each test run must last at least 1 hour, unless otherwise specified in Subpart ZZZZ. [40 CFR 63.6620(d)]
- 175 [40 CFR 63.6620(e)] Use Equation 1 of 40 CFR 63.6620 to determine compliance with the percent reduction requirement. Normalize the CO, THC, or formaldehyde concentrations at the inlet and outlet of the control device to a dry basis and to 15 percent oxygen, or an equivalent percent carbon dioxide (CO₂). If pollutant concentrations are to be corrected to 15 percent oxygen and CO₂ concentration is measured in lieu of oxygen concentration measurement, a CO₂ correction factor is needed. Calculate the CO₂ correction factor as described in 40 CFR 63.6620(e)(2)(i)-(iii). [40 CFR 63.6620(e)]
- 176 [40 CFR 63.6620(f)] If you comply with the emission limitation to reduce CO and you are not using an oxidation catalyst, if you comply with the emission limitation to reduce formaldehyde and you are not using NSCR, or if you comply with the emission limitation to limit the concentration of formaldehyde in the stationary RICE exhaust and you are not using an oxidation catalyst or NSCR, you must petition the Administrator for operating limitations to be established during the initial performance test and continuously monitored thereafter; or for approval of no operating limitations. You must not conduct the initial performance test until after the petition has been approved by the Administrator. [40 CFR 63.6620(f)]
- 177 [40 CFR 63.6620(g)] If you petition the Administrator for approval of operating limitations, your petition must include the information described in 40 CFR 63.6620(g)(1)-(5). [40 CFR 63.6620(g)]
- 178 [40 CFR 63.6620(h)] If you petition the Administrator for approval of no operating limitations, your petition must include the information described in 40 CFR 63.6620(h)(1)-(7). [40 CFR 63.6620(h)]

SPECIFIC REQUIREMENTS

AI ID: 163497 - Minor Source Air General Permit for Surface Coating & Fabrication Facilities

Activity Number: PER20190001

Permit Number: Surface Coating/Fabrication General Master Permit

Air - Minor Gen Permit-Surf Coat & Fab Mod

Group: PCS 0004 Diesel Internal Combustion Engines

EQT 0016 - Diesel ICEs for Which Construction or Reconstruction Commenced Before June 12, 2006

- 179 [40 CFR 63.6620(i)] The engine percent load during a performance test must be determined by documenting the calculations, assumptions, and measurement devices used to measure or estimate the percent load in a specific application. A written report of the average percent load determination must be included in the notification of compliance status. The following information must be included in the written report: the engine model number, the engine manufacturer, the year of purchase, the manufacturer's site-rated brake horsepower, the ambient temperature, pressure, and humidity during the performance test, and all assumptions that were made to estimate or calculate percent load during the performance test must be clearly explained. If measurement devices such as flow meters, kilowatt meters, beta analyzers, stain gauges, etc. are used, the model number of the measurement device, and an estimate of its accuracy in percentage of true value must be provided. [40 CFR 63.6620(i)]
- 180 [40 CFR 63.6625(a)] If you elect to install a CEMS as specified in Table 5 of Subpart ZZZZ, install, operate, and maintain a CEMS to monitor CO and either O2 or CO2 according to the requirements in 40 CFR 63.6625(a)(1)-(4). If you are meeting a requirement to reduce CO emissions, the CEMS must be installed at both the inlet and outlet of the control device. If you are meeting a requirement to limit the concentration of CO, the CEMS must be installed at the outlet of the control device. [40 CFR 63.6625(a)]
- 181 [40 CFR 63.6625(b)] If you are required to install a continuous parameter monitoring system (CPMS) as specified in Table 5 of Subpart ZZZZ, install, operate, and maintain each CPMS according to the requirements in 40 CFR 63.6625(b)(1)-(6). [40 CFR 63.6625(b)]
- 182 [40 CFR 63.6625(e)] If you own or operate any of the following stationary RICE, operate and maintain the stationary RICE and after-treatment control device (if any) according to the manufacturer's emission-related written instructions or develop your own maintenance plan which must provide to the extent practicable for the maintenance and operation of the engine in a manner consistent with good air pollution control practice for minimizing emissions: (1) An existing emergency stationary RICE located at an area source of HAP emissions; or (2) An existing non-emergency stationary CI RICE with a site rating less than or equal to 300 HP located at an area source of HAP emissions. [40 CFR 63.6625(e)]
- 183 [40 CFR 63.6625(f)] If you own or operate an existing emergency stationary RICE located at an area source of HAP emissions, install a non-resettable hour meter if one is not already installed. [40 CFR 63.6625(f)]
- 184 [40 CFR 63.6625(g)] If you own or operate an existing non-emergency, non-black start CI engine greater than or equal to 300 HP that is not equipped with a closed crankcase ventilation system, install a closed crankcase ventilation system that prevents crankcase emissions from being emitted to the atmosphere, or install an open crankcase filtration emission control system that reduces emissions from the crankcase by filtering the exhaust stream to remove oil mist, particulates and metals. Owners and operators must follow the manufacturer's specified maintenance requirements for operating and maintaining the open or closed crankcase ventilation systems and replacing the crankcase filters, or can request the Administrator to approve different maintenance requirements that are as protective as manufacturer requirements. [40 CFR 63.6625(g)]
- 185 [40 CFR 63.6625(h)] Minimize the engine's time spent at idle during startup and minimize the engine's startup time to a period needed for appropriate and safe loading of the engine, not to exceed 30 minutes, after which time the emission standards applicable to all times other than startup in Table 2d to Subpart ZZZZ apply. [40 CFR 63.6625(h)]

SPECIFIC REQUIREMENTS

AI ID: 163497 - Minor Source Air General Permit for Surface Coating & Fabrication Facilities

Activity Number: PER20190001

Permit Number: Surface Coating/Fabrication General Master Permit

Air - Minor Gen Permit-Surf Coat & Fab Mod

Group: PCS 0004 Diesel Internal Combustion Engines

EQT 0016 - Diesel ICEs for Which Construction or Reconstruction Commenced Before June 12, 2006

- 186 [40 CFR 63.6625(i)] If you own or operate a stationary CI engine that is subject to the work, operation or management practices in items 1 or 4 of Table 2d to Subpart ZZZZ, you have the option of utilizing an oil analysis program in order to extend the specified oil change requirement in Tables 2c and 2d. The oil analysis must be performed at the same frequency specified for changing the oil in Table 2c or 2d. The analysis program must at a minimum analyze the following three parameters: Total Base Number, viscosity, and percent water content. The condemning limits for these parameters are as follows: Total Base Number is less than 30 percent of the Total Base Number of the oil when new; viscosity of the oil has changed by more than 20 percent from the viscosity of the oil when new; or percent water content (by volume) is greater than 0.5. If all of these condemning limits are not exceeded, the engine owner or operator is not required to change the oil. If any of the limits are exceeded, the engine owner or operator must change the oil within 2 business days of receiving the results of the analysis; if the engine is not in operation when the results of the analysis are received, the engine owner or operator must change the oil within 2 business days or before commencing operation, whichever is later. The owner or operator must keep records of the parameters that are analyzed as part of the program, the results of the analysis, and the oil changes for the engine. The analysis program must be part of the maintenance plan for the engine. [40 CFR 63.6625(i)]
- 187 [40 CFR 63.6630(a)] Demonstrate initial compliance with each emission limitation, operating limitation, and other requirement that applies to you according to Table 5 of Subpart ZZZZ. [40 CFR 63.6630(a)]
- 188 [40 CFR 63.6630(b)] During the initial performance test, establish each operating limitation in Table 2b of Subpart ZZZZ that applies to you. [40 CFR 63.6630(b)]
- 189 [40 CFR 63.6630(c)] Submit the Notification of Compliance Status containing the results of the initial compliance demonstration according to the requirements in 40 CFR 63.6645. Subpart ZZZZ. [40 CFR 63.6630(c)]
- 190 [40 CFR 63.6635] If you must comply with emission and operating limitations, you must monitor and collect data according to 40 CFR 63.6635. Except for monitor malfunctions, associated repairs, required performance evaluations, and required quality assurance or control activities, you must monitor continuously at all times that the stationary RICE is operating. A monitoring malfunction is any sudden, infrequent, not reasonably preventable failure of the monitoring to provide valid data. Monitoring failures that are caused in part by poor maintenance or careless operation are not malfunctions. You may not use data recorded during monitoring malfunctions, associated repairs, and required quality assurance or control activities in data averages and calculations used to report emission or operating levels. You must, however, use all the valid data collected during all other periods.
- 191 [40 CFR 63.6640(a)] Demonstrate continuous compliance with each emission limitation, operating limitation, and other requirements in Tables 2b and 2d to Subpart ZZZZ that apply to you according to methods specified in Table 6 to Subpart ZZZZ. [40 CFR 63.6640(a)]
- 192 [40 CFR 63.6640(b)] Report each instance in which each applicable emission limitation or operating limitation in 40 CFR 63 Subpart ZZZZ Tables 1a and 1b, Tables 2a and 2b, Table 2c, and Table 2d were not met according to the requirements of 40 CFR 63.6650. Subpart ZZZZ. [40 CFR 63.6640(b)]
- 193 [40 CFR 63.6640(e)] Report each instance in which the applicable requirements in 40 CFR 63 Subpart ZZZZ Table 8 were not met. Subpart ZZZZ. [40 CFR 63.6640(e)]
- 194 [40 CFR 63.6640(f)(1)] There is no time limit on the use of emergency stationary RICE in emergency situations. Subpart ZZZZ. [40 CFR 63.6640(f)(1)]
- 195 [40 CFR 63.6640(f)(2)(i)] Operate for maintenance checks and readiness testing for a maximum of 100 hours per calendar year, provided that the tests are recommended by the federal, state, or local government; the manufacturer; the vendor; the regional transmission organization or equivalent balancing authority and transmission operator; or the insurance company associated with the engine. LDEQ may be petitioned for approval of additional hours to be used for maintenance checks and readiness testing, but a petition is not required if records are maintained indicating that federal, state, or local standards require maintenance and testing of emergency RICE beyond 100 hours per calendar year. Subpart ZZZZ. [40 CFR 63.6640(f)(2)(i)]

SPECIFIC REQUIREMENTS

AI ID: 163497 - Minor Source Air General Permit for Surface Coating & Fabrication Facilities

Activity Number: PER20190001

Permit Number: Surface Coating/Fabrication General Master Permit

Air - Minor Gen Permit-Surf Coat & Fab Mod

Group: PCS 0004 Diesel Internal Combustion Engines

EQT 0016 - Diesel ICEs for Which Construction or Reconstruction Commenced Before June 12, 2006

- 196 [40 CFR 63.6640(f)(4)] Operate for up to 50 hours per calendar year in non-emergency situations. Count the 50 hours of operation for non-emergency situations as part of the 100 hours per calendar year for maintenance and testing provided in 40 CFR 63.6640(f)(2)(i). Do not use the 50 hours per year for non-emergency situations for peak shaving or non-emergency demand response, or to generate income for a facility to supply power to an electric grid or otherwise supply power as part of a financial arrangement with another entity, except as provided in 40 CFR 63.6640(f)(4)(i) and (f)(4)(ii). Subpart ZZZ. [40 CFR 63.6640(f)(4)]
- 197 [40 CFR 63.6640(f)] Operate according to the requirements in 40 CFR 63.6640(f)(1), (f)(2)(i), and (f)(4). In order for the engine to be considered an emergency stationary RICE under 40 CFR 63 Subpart ZZZZ, any operation other than as described in 40 CFR 63.6640(f)(1), (f)(2)(i), and (f)(4) is prohibited. If the engine is not operated according to these requirements, the engine will not be considered an emergency engine under 40 CFR 63 Subpart ZZZZ and must meet all requirements for non-emergency engines. Subpart ZZZZ. [40 CFR 63.6640(f)]
- 198 [40 CFR 63.6645(h)] If you are required to conduct a performance test or other initial compliance demonstration as specified in Tables 4 and 5 to Subpart ZZZZ, you must submit a Notification of Compliance Status according to 40 CFR 63.9(h)(2)(ii). For each initial compliance demonstration required in Table 5 to Subpart ZZZZ that does not include a performance test, you must submit the Notification of Compliance Status before the close of business on the 30th day following the completion of the initial compliance demonstration. For each initial compliance demonstration required in Table 5 to Subpart ZZZZ that includes a performance test conducted according to the requirements in Table 3 to Subpart ZZZZ, you must submit the Notification of Compliance Status, including the performance test results, before the close of business on the 60th day following the completion of the performance test according to 40 CFR 63.10(d)(2). [40 CFR 63.6645(h)]
- 199 [40 CFR 63.6645] Submit all of the applicable notifications in 40 CFR 63.7(b) and (c), 63.8(e), (f)(4) and (f)(6), and 63.9(b) through (e), (g), and (h) by the dates specified, as specified in 40 CFR 63.6645(b) through (f). Subpart ZZZZ.
- 200 [40 CFR 63.6645]
- 201 [40 CFR 63.6650(f)] Submit an initial notification as specified in 40 CFR 63.6645. Subpart ZZZZ.
- 202 [40 CFR 63.6650] Report all deviations as defined in 40 CFR 63 Subpart ZZZZ in the semiannual monitoring report required by 40 CFR 70.6(a)(3)(iii)(A) or 40 CFR 71.6(a)(3)(iii)(A). Subpart ZZZZ. [40 CFR 63.6650(f)]
- 203 [40 CFR 63.6655(a)] Submit compliance status report: Due semiannually, by the 31st of January and July, according to the requirements in 40 CFR 63.6650(b)(1) through (b)(5). For engines that are limited use stationary CI RICE subject to numerical limitations, submit reports annually according to the requirements in 40 CFR 63.6650(b)(6) through (b)(9), if there are no deviations or periods during which the CMS was out-of-control. Include the information specified in 40 CFR 63.6650(c)(1) through (c)(6) and 40 CFR 63 Subpart ZZZZ Table 7 1.a, 1.b, or 1.c. Include the information in 40 CFR 63.6650(d)(1) and (d)(2) and 63.6650(e)(1) through (e)(12), if applicable. Subpart ZZZZ.
- 204 [40 CFR 63.6655(b)] If you must comply with the emission and operating limitations, you must keep the records described in 40 CFR 63.6655(a)(1)-(5) and (b)(1)-(3). [40 CFR 63.6655(a)]
- 205 [40 CFR 63.6655(d)] For each CEMS or CPMS, you must keep the records listed in 40 CFR 63.6655(b)(1)-(3). [40 CFR 63.6655(b)]
- 206 [40 CFR 63.6655(e)] You must keep the records required in Table 6 of Subpart ZZZZ to show continuous compliance with each emission or operating limitation that applies to you. [40 CFR 63.6655(d)]
- 207 [40 CFR 63.6655(e)] You must keep records of the maintenance conducted on the stationary RICE in order to demonstrate that you operated and maintained the stationary RICE and after-treatment control device (if any) according to your own maintenance plan if you own or operate an existing stationary emergency RICE or an existing stationary RICE located at an area source of HAP emissions subject to management practices as shown in Table 2d to Subpart ZZZZ. [40 CFR 63.6655(e)]

SPECIFIC REQUIREMENTS

AL ID: 163497 - Minor Source Air General Permit for Surface Coating & Fabrication Facilities

Activity Number: PER20190001

Permit Number: Surface Coating/Fabrication General Master Permit

Air - Minor Gen Permit-Surf Coat & Fab Mod

Group: PCS 0004 Diesel Internal Combustion Engines

EQT 0016 - Diesel ICEs for Which Construction or Reconstruction Commenced Before June 12, 2006

- 207 [40 CFR 63.6655(f)] If you own or operate an existing emergency stationary RICE located at an area source of HAP emissions that does not meet the standards applicable to non-emergency engines, keep records of the hours of operation of the engine that is recorded through the non-resettable hour meter. The owner or operator must document how many hours are spent for emergency operation, including what classified the operation as emergency and how many hours are spent for non-emergency operation. [40 CFR 63.6655(f)]
- 208 [40 CFR 63.6660(a)] Keep records in a form suitable and readily available for expeditious review according to 40 CFR 63.10(b)(1). Subpart ZZZZ. [40 CFR 63.6660(a)]
- 209 [40 CFR 63.6660(b)] Keep each record for 5 years following the date of each occurrence, measurement, maintenance, corrective action, report, or record, as specified in 40 CFR 63.10(b)(1). Subpart ZZZZ. [40 CFR 63.6660(b)]
- 210 [40 CFR 63.6660(c)] Keep each record readily accessible in hard copy or electronic form on-site for at least 5 years after the date of each occurrence, measurement, maintenance, corrective action, report, or record, according to 40 CFR 63.10(b)(1). Subpart ZZZZ. [40 CFR 63.6660(c)]
- 211 [40 CFR 63.6665] Table 8 to Subpart ZZZZ shows which parts of the General Provisions in 40 CFR 63.1 through 63.15 apply to you.

Group: PCS 0001 Surface Coating

Group Members: ARE 0001 ARE 0002 ARE 0003 ARE 0004 ARE 0005 ARE 0006

ARE 0001 - All Surface Coating

- 212 [LAC 33:III.1305.A] Prevent particulate matter from becoming airborne by taking all reasonable precautions including, but not limited to, those specified in LAC 33:III.1305.A.1 through A.7.
- 213 [LAC 33:III.1311.C] Opacity <= 20 percent, except for emissions that have an average opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes.
Which Months: All Year Statistical Basis: Six-minute average

ARE 0002 - Surface Coating Subject to LAC 33:III.2123

- 214 [LAC 33:III.2123.A] Control emissions of volatile organic compounds through the use of low solvent coatings, as provided in LAC 33:III.2123.C, or, where feasible, by incorporating one or more of the control methods specified in LAC 33:III.2123.A.1 through A.3, except as provided in LAC 33:III.2123.B and C.
- 215 [LAC 33:III.2123.C.10] Surface coating of business machine plastic parts: fog coat: VOC, Total <= 2.2 lb/gal (0.26 kg/L) of coating as applied (minus water and exempt solvent).
- 216 [LAC 33:III.2123.C.10] Surface coating of business machine plastic parts: primer: VOC, Total <= 2.9 lb/gal (0.35 kg/L) of coating as applied (minus water and exempt solvent).
- 217 [LAC 33:III.2123.C.10] Surface coating of business machine plastic parts: texture coat: VOC, Total <= 2.9 lb/gal (0.35 kg/L) of coating as applied (minus water and exempt solvent).
- 218 [LAC 33:III.2123.C.10] Surface coating of business machine plastic parts: topcoat: VOC, Total <= 2.9 lb/gal (0.35 kg/L) of coating as applied (minus water and exempt solvent).

SPECIFIC REQUIREMENTS

AI ID: 163497 - Minor Source Air General Permit for Surface Coating & Fabrication Facilities

Activity Number: PER20190001

Permit Number: Surface Coating/Fabrication General Master Permit

Air - Minor Gen Permit-Surf Coat & Fab Mod

Group: PCS 0001 Surface Coating

ARE 0002 - Surface Coating Subject to LAC 33:III.2123

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|-----|------------------------|--|
| 219 | [LAC 33:III.2123.C.10] | Surface coating of business machine plastic parts: touch up and repair: VOC, Total \leq 2.9 lb/gal (0.35 kg/L) of coating as applied (minus water and exempt solvent). |
| 220 | [LAC 33:III.2123.C.11] | Pleasure craft surface coating. Applies to All other Pleasure Craft Surface Coating (for Metal or Plastic): VOC, Total \leq 3.5 lb/gal (0.42 kg/L) of coating as applied (minus water and exempt solvent) and \leq 6.7 lb/gal (0.80 kg/L) of solids.
Which Months: Phases: Statistical Basis: Daily average |
| 221 | [LAC 33:III.2123.C.11] | Pleasure craft surface coating. Applies to Aluminum Substrate Antifoulant Coating: VOC, Total \leq 4.7 lb/gal (0.56 kg/L) of coating as applied (minus water and exempt solvent) and \leq 12.8 lb/gal (1.53 kg/L) of solids.
Which Months: Phases: Statistical Basis: Daily average |
| 222 | [LAC 33:III.2123.C.11] | Pleasure craft surface coating. Applies to Extreme High Gloss Topcoat: VOC, Total \leq 4.1 lb/gal (0.49 kg/L) of coating as applied (minus water and exempt solvent) and \leq 9.2 lb/gal (1.10 kg/L) of solids.
Which Months: Phases: Statistical Basis: Daily average |
| 223 | [LAC 33:III.2123.C.11] | Pleasure craft surface coating. Applies to Finish Primer/Surfacer: VOC, Total \leq 3.5 lb/gal (0.42 kg/L) of coating as applied (minus water and exempt solvent) and \leq 6.7 lb/gal (0.80 kg/L) of solids.
Which Months: Phases: Statistical Basis: Daily average |
| 224 | [LAC 33:III.2123.C.11] | Pleasure craft surface coating. Applies to High Build Primer Surfacer: VOC, Total \leq 2.8 lb/gal (0.34 kg/L) of coating as applied (minus water and exempt solvent) and \leq 4.6 lb/gal (0.55 kg/L) of solids.
Which Months: Phases: Statistical Basis: Daily average |
| 225 | [LAC 33:III.2123.C.11] | Pleasure craft surface coating. Applies to High Gloss Topcoat: VOC, Total \leq 3.5 lb/gal (0.42 kg/L) of coating as applied (minus water and exempt solvent) and \leq 6.7 lb/gal (0.80 kg/L) of solids.
Which Months: Phases: Statistical Basis: Daily average |
| 226 | [LAC 33:III.2123.C.11] | Pleasure craft surface coating. Applies to Other Substrate Antifoulant Coating: VOC, Total \leq 2.8 lb/gal (0.33 kg/L) of coating as applied (minus water and exempt solvent) and \leq 4.4 lb/gal (0.53 kg/L) of solids.
Which Months: Phases: Statistical Basis: Daily average |
| 227 | [LAC 33:III.2123.C.11] | Pleasure craft surface coating. Applies to Pretreatment Wash Primer: VOC, Total \leq 6.5 lb/gal (0.78 kg/L) of coating as applied (minus water and exempt solvent) and \leq 55.6 lb/gal (6.67 kg/L) of solids.
Which Months: Phases: Statistical Basis: Daily average |
| 228 | [LAC 33:III.2123.C.12] | Motor Vehicle Materials coating. Applies to Motor Vehicle Bedliner: VOC, Total \leq 1.7 lb/gal (0.20 kg/L) of coating as applied (minus water and exempt solvent).
Which Months: Phases: Statistical Basis: Daily average |
| 229 | [LAC 33:III.2123.C.12] | Motor Vehicle Materials coating. Applies to Motor Vehicle Cavity Wax: VOC, Total \leq 5.4 lb/gal (0.65 kg/L) of coating as applied (minus water and exempt solvent).
Which Months: Phases: Statistical Basis: Daily average |
| 230 | [LAC 33:III.2123.C.12] | Motor Vehicle Materials coating. Applies to Motor Vehicle Deadener: VOC, Total \leq 5.4 lb/gal (0.650 kg/L) of coating as applied (minus water and exempt solvent).
Which Months: Phases: Statistical Basis: Daily average |

SPECIFIC REQUIREMENTS

AI ID: 163497 - Minor Source Air General Permit for Surface Coating & Fabrication Facilities

Activity Number: PER20190001

Permit Number: Surface Coating/Fabrication General Master Permit

Air - Minor Gen Permit-Surf Coat & Fab Mod

Group: PCS 0001 Surface Coating

ARE 0002 - Surface Coating Subject to LAC 33:III.2123

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| 231 | [LAC 33:III.2123.C.12] | Motor Vehicle Materials coating. Applies to Motor Vehicle Gaskets/Gasket-Sealing Material: VOC, Total <= 1.7 lb/gal (0.20 kg/L) of coating as applied (minus water and exempt solvent).
Which Months: Phases: Statistical Basis: Daily average |
| 232 | [LAC 33:III.2123.C.12] | Motor Vehicle Materials coating. Applies to Motor Vehicle Lubricating Wax/Compound: VOC, Total <= 5.8 lb/gal (0.70 kg/L) of coating as applied (minus water and exempt solvent).
Which Months: Phases: Statistical Basis: Daily average |
| 233 | [LAC 33:III.2123.C.12] | Motor Vehicle Materials coating. Applies to Motor Vehicle Sealer: VOC, Total <= 5.4 lb/gal (0.650 kg/L) of coating as applied (minus water and exempt solvent).
Which Months: Phases: Statistical Basis: Daily average |
| 234 | [LAC 33:III.2123.C.12] | Motor Vehicle Materials coating. Applies to Motor Vehicle Trunk Interior Coating: VOC, Total <= 5.4 lb/gal (0.650 kg/L) of coating as applied (minus water and exempt solvent).
Which Months: Phases: Statistical Basis: Daily average |
| 235 | [LAC 33:III.2123.C.12] | Motor Vehicle Materials coating. Applies to Motor Vehicle Underbody Coating: VOC, Total <= 5.4 lb/gal (0.650 kg/L) of coating as applied (minus water and exempt solvent).
Which Months: Phases: Statistical Basis: Daily average |
| 236 | [LAC 33:III.2123.C.13] | Factory surface coating of flat wood paneling with VOC emissions greater than 15 lbs/day before controls: Applies to all Inks, Coatings, and Adhesives: VOC, Total <= 2.1 lb/gal (0.25 kg/L) of coating as applied (minus water and exempt solvent). |
| 237 | [LAC 33:III.2123.C.14.a] | Surface coating for marine vessels and oilfield tubulars and ancillary oilfield equipment. Air-dried single-component alkyd or vinyl flat or semi gloss finish coatings: VOC, Total <= 3.5 lb/gal (0.42 kg/L) of coating as applied (minus water and exempt solvent).
Which Months: All Year Statistical Basis: Daily average |
| 238 | [LAC 33:III.2123.C.14.a] | Surface coating for marine vessels and oilfield tubulars and ancillary oilfield equipment. Baked Coatings: VOC, Total <= 3.5 lb/gal (0.42 kg/L) of coating as applied (minus water and exempt solvent).
Which Months: All Year Statistical Basis: Daily average |
| 239 | [LAC 33:III.2123.C.14.a] | Surface coating for marine vessels and oilfield tubulars and ancillary oilfield equipment. Two component coatings: VOC, Total <= 3.5 lb/gal (0.42 kg/L) of coating as applied (minus water and exempt solvent).
Which Months: All Year Statistical Basis: Daily average |
| 240 | [LAC 33:III.2123.C.14.b] | Surface coating for marine vessels and oilfield tubulars and ancillary oilfield equipment in the following parishes: Ascension, Calcasieu, East Baton Rouge, Iberville, Livingston, Pointe Coupee, and West Baton Rouge: VOC, Total <= 3.5 lb/gal (0.42 kg/L) of coating as applied (minus water and exempt solvent).
Which Months: All Year Statistical Basis: Daily average |
| 241 | [LAC 33:III.2123.C.14.b] | Surface coating for marine vessels and oilfield tubulars and ancillary oilfield equipment. Anchor Chain Asphalt Varnish (Fed. Spec. TT-V-51) Coating: VOC, Total <= 5.2 lb/gal (0.62 kg/L) of coating as applied (minus water and exempt solvent).
Which Months: All Year Statistical Basis: Daily average |
| 242 | [LAC 33:III.2123.C.14.b] | Surface coating for marine vessels and oilfield tubulars and ancillary oilfield equipment. Antenna Coating: VOC, Total <= 4.42 lb/gal (0.53 kg/L) of coating as applied (minus water and exempt solvent).
Which Months: All Year Statistical Basis: Daily average |

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Activity Number: PER20190001

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Group: PCS 0001 Surface Coating

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| 243 | [LAC 33:III.2123.C.14.b] | Surface coating for marine vessels and oilfield tubulars and ancillary oilfield equipment. Antifoulant Applied to Aluminum Hulls Coating: VOC, Total \leq 4.5 lb/gal (0.55 kg/L) of coating as applied (minus water and exempt solvent), in accordance with B.(1) of the Louisiana Shipbuilding & Ship Repair Facilities and Outdoor Surface Coating of Large Structures MACT Determination (November 23, 1995). Include organic compounds contained in the paint or thinner which have negligible photochemical reactivity but are listed in LAC 33:III. Table 51.1. Which Months: All Year Statistical Basis: Daily average |
| 244 | [LAC 33:III.2123.C.14.b] | Surface coating for marine vessels and oilfield tubulars and ancillary oilfield equipment. Antifoulant Coating: VOC, Total \leq 3.66 lb/gal (0.44 kg/L) of coating as applied (minus water and exempt solvent). Which Months: All Year Statistical Basis: Daily average |
| 245 | [LAC 33:III.2123.C.14.b] | Surface coating for marine vessels and oilfield tubulars and ancillary oilfield equipment. Dull Black Finish Coating (DOD-P-15146): VOC, Total \leq 3.7 lb/gal (0.444 kg/L) of coating as applied (minus water and exempt solvent). Which Months: All Year Statistical Basis: Daily average |
| 246 | [LAC 33:III.2123.C.14.b] | Surface coating for marine vessels and oilfield tubulars and ancillary oilfield equipment. Elastomeric Adhesives with 15% weight Natural or Synthetic Rubber Coating: VOC, Total \leq 6.08 lb/gal (0.73 kg/L) of coating as applied (minus water and exempt solvent). Which Months: All Year Statistical Basis: Daily average |
| 247 | [LAC 33:III.2123.C.14.b] | Surface coating for marine vessels and oilfield tubulars and ancillary oilfield equipment. Exterior Epoxy Primer Coating: VOC, Total \leq 3.5 lb/gal (0.42 kg/L) of coating as applied (minus water and exempt solvent). Which Months: All Year Statistical Basis: Daily average |
| 248 | [LAC 33:III.2123.C.14.b] | Surface coating for marine vessels and oilfield tubulars and ancillary oilfield equipment. Extreme High Gloss Coating: VOC, Total \leq 4.08 lb/gal (0.49 kg/L) of coating as applied (minus water and exempt solvent). Which Months: All Year Statistical Basis: Daily average |
| 249 | [LAC 33:III.2123.C.14.b] | Surface coating for marine vessels and oilfield tubulars and ancillary oilfield equipment. Flight Deck Markings (DOD-C-24667) Coating: VOC, Total \leq 4.2 lb/gal (0.504 kg/L) of coating as applied (minus water and exempt solvent). Which Months: All Year Statistical Basis: Daily average |
| 250 | [LAC 33:III.2123.C.14.b] | Surface coating for marine vessels and oilfield tubulars and ancillary oilfield equipment. Heat Resistant Coating: VOC, Total \leq 3.5 lb/gal (0.42 kg/L) of coating as applied (minus water and exempt solvent). Which Months: All Year Statistical Basis: Daily average |
| 251 | [LAC 33:III.2123.C.14.b] | Surface coating for marine vessels and oilfield tubulars and ancillary oilfield equipment. High Gloss Alkyd Coating: VOC, Total \leq 3.5 lb/gal (0.42 kg/L) of coating as applied (minus water and exempt solvent). Which Months: All Year Statistical Basis: Daily average |
| 252 | [LAC 33:III.2123.C.14.b] | Surface coating for marine vessels and oilfield tubulars and ancillary oilfield equipment. High Temperature (Fed. Spec. TT-P-28) Coating: VOC, Total \leq 5.41 lb/gal (0.65 kg/L) of coating as applied (minus water and exempt solvent). Which Months: All Year Statistical Basis: Daily average |
| 253 | [LAC 33:III.2123.C.14.b] | Surface coating for marine vessels and oilfield tubulars and ancillary oilfield equipment. Low Activation Interior Coating: VOC, Total \leq 4.08 lb/gal (0.49 kg/L) of coating as applied (minus water and exempt solvent). Which Months: All Year Statistical Basis: Daily average |

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Group: PCS 0001 Surface Coating

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| 254 | [LAC 33:III.2123.C.14.b] | Surface coating for marine vessels and oilfield tubulars and ancillary oilfield equipment. Metallic Heat Resistant Coating: VOC, Total <= 4.42 lb/gal (0.53 kg/L) of coating as applied (minus water and exempt solvent).
Which Months: All Year Statistical Basis: Daily average |
| 255 | [LAC 33:III.2123.C.14.b] | Surface coating for marine vessels and oilfield tubulars and ancillary oilfield equipment. Navigational Aids Coating: VOC, Total <= 3.5 lb/gal (0.42 kg/L) of coating as applied (minus water and exempt solvent).
Which Months: All Year Statistical Basis: Daily average |
| 256 | [LAC 33:III.2123.C.14.b] | Surface coating for marine vessels and oilfield tubulars and ancillary oilfield equipment. Potable Water Tank Coating (DOD-P-23236): VOC, Total <= 3.7 lb/gal (0.444 kg/L) of coating as applied (minus water and exempt solvent).
Which Months: All Year Statistical Basis: Daily average |
| 257 | [LAC 33:III.2123.C.14.b] | Surface coating for marine vessels and oilfield tubulars and ancillary oilfield equipment. Preconstruction and Interior Primer Coating: VOC, Total <= 3.5 lb/gal (0.42 kg/L) of coating as applied (minus water and exempt solvent).
Which Months: All Year Statistical Basis: Daily average |
| 258 | [LAC 33:III.2123.C.14.b] | Surface coating for marine vessels and oilfield tubulars and ancillary oilfield equipment. Pretreatment Wash Primer Coating: VOC, Total <= 6.5 lb/gal (0.78 kg/L) of coating as applied (minus water and exempt solvent).
Which Months: All Year Statistical Basis: Daily average |
| 259 | [LAC 33:III.2123.C.14.b] | Surface coating for marine vessels and oilfield tubulars and ancillary oilfield equipment. Repair and Maintenance Thermoplastic Coating: VOC, Total <= 5.41 lb/gal (0.65 kg/L) of coating as applied (minus water and exempt solvent).
Which Months: All Year Statistical Basis: Daily average |
| 260 | [LAC 33:III.2123.C.14.b] | Surface coating for marine vessels and oilfield tubulars and ancillary oilfield equipment. Sealant for Wire-Sprayed Aluminum Coating: VOC, Total <= 5.4 lb/gal (0.648 kg/L) of coating as applied (minus water and exempt solvent).
Which Months: All Year Statistical Basis: Daily average |
| 261 | [LAC 33:III.2123.C.14.b] | Surface coating for marine vessels and oilfield tubulars and ancillary oilfield equipment. Solvent-Based Inorganic Zinc Primer Coating: VOC, Total <= 5.41 lb/gal (0.65 kg/L) of coating as applied (minus water and exempt solvent).
Which Months: All Year Statistical Basis: Daily average |
| 262 | [LAC 33:III.2123.C.14.b] | Surface coating for marine vessels and oilfield tubulars and ancillary oilfield equipment. Special Marking Coating: VOC, Total <= 4.08 lb/gal (0.49 kg/L) of coating as applied (minus water and exempt solvent).
Which Months: All Year Statistical Basis: Daily average |
| 263 | [LAC 33:III.2123.C.14.b] | Surface coating for marine vessels and oilfield tubulars and ancillary oilfield equipment. Tack Coat (Epoxies) Coating: VOC, Total <= 5.08 lb/gal (0.61 kg/L) of coating as applied (minus water and exempt solvent).
Which Months: All Year Statistical Basis: Daily average |
| 264 | [LAC 33:III.2123.C.14.b] | Surface coating for marine vessels and oilfield tubulars and ancillary oilfield equipment. Tank Coating (DOD-P-23236): VOC, Total <= 3.5 lb/gal (0.42 kg/L) of coating as applied (minus water and exempt solvent).
Which Months: All Year Statistical Basis: Daily average |
| 265 | [LAC 33:III.2123.C.14.b] | Surface coating for marine vessels and oilfield tubulars and ancillary oilfield equipment. Underwater Weapon Coating: VOC, Total <= 3.5 lb/gal (0.42 kg/L) of coating as applied (minus water and exempt solvent).
Which Months: All Year Statistical Basis: Daily average |

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- 266 [LAC 33:III.2123.C.14.b] Surface coating for marine vessels and oilfield tubulars and ancillary oilfield equipment. Vinyl Acrylic Top Coats Coating: VOC, Total \leq 5.4 lb/gal (0.648 kg/L) of coating as applied (minus water and exempt solvent), in accordance with B.(1) of the Louisiana Shipbuilding & Ship Repair Facilities and Outdoor Surface Coating of Large Structures MACT Determination (November 23, 1995). Include organic compounds contained in the paint or thinner which have negligible photochemical reactivity but are listed in LAC 33:III.Table 51.1.
Which Months: All Year Statistical Basis: Daily average
- 267 [LAC 33:III.2123.C.14.b] Surface coating for marine vessels and oilfield tubulars and ancillary oilfield equipment. Wood Spar Varnish (Fed. Spec. TT-V-119) Coating: VOC, Total \leq 4.1 lb/gal (0.492 kg/L) of coating as applied (minus water and exempt solvent).
Which Months: All Year Statistical Basis: Daily average
- 268 [LAC 33:III.2123.C.15] Paper, Film, Foil, Pressure Sensitive Tape, and Label Surface Coating. Applies to Paper, Film, and Foil: VOC, Total \leq 0.40 lb/lb of solids as applied (0.08 lb VOC/lb of solids as applied).
Which Months: All Year Statistical Basis: Daily average
- 269 [LAC 33:III.2123.C.15] Paper, Film, Foil, Pressure Sensitive Tape, and Label Surface Coating. Applies to Pressure Sensitive Tape and Label: VOC, Total \leq 0.20 lb/lb of solids as applied (0.067 lb VOC/lb of coating as applied).
Which Months: All Year Statistical Basis: Daily average
- 270 [LAC 33:III.2123.C.16] Surface coating of assembly line automobiles and light duty trucks. Final repair application, flashoff area and oven: VOC, Total \leq 4.8 lb/gal (0.58 kg/L) of deposited solids.
Which Months: All Year Statistical Basis: Daily average
- 271 [LAC 33:III.2123.C.16] Surface coating of assembly line automobiles and light duty trucks. Primer-Surfacer Operations (Including application area, flashoff area and oven): VOC, Total \leq 12.0 lb/gal (1.44 kg/L) of deposited solids.
Which Months: All Year Statistical Basis: Daily average
- 272 [LAC 33:III.2123.C.16] Surface coating of assembly line automobiles and light duty trucks. Topcoat Operations (Including application area, flashoff area and oven): VOC, Total \leq 12.0 lb/gal (1.44 kg/L) of deposited solids.
Which Months: All Year Statistical Basis: Daily average
- 273 [LAC 33:III.2123.C.16] Surface coating of assembly line automobiles and light duty trucks. Combined Primer-Surfacer and Topcoat Operations: VOC, Total \leq 12.0 lb/gal (1.44 kg/L) of solids deposited.
Which Months: All Year Statistical Basis: Daily average
- 274 [LAC 33:III.2123.C.1] Large appliance coating. Applies to Extreme High Gloss: VOC, Total \leq 2.8 lb/gal (0.340 kg/L) of coating as applied (minus water and exempt solvent).
Which Months: All Year Statistical Basis: Daily average
- 275 [LAC 33:III.2123.C.1] Large appliance coating. Applies to Extreme Performance: VOC, Total \leq 2.8 lb/gal (0.340 kg/L) of coating as applied (minus water and exempt solvent).
Which Months: All Year Statistical Basis: Daily average
- 276 [LAC 33:III.2123.C.1] Large appliance coating. Applies to General, Multi-Component (Air Dried): VOC, Total \leq 2.8 lb/gal (0.340 kg/L) of coating as applied (minus water and exempt solvent).
Which Months: All Year Statistical Basis: Daily average

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ARE 0002 - Surface Coating Subject to LAC 33:III.2123

277	[LAC 33:III.2123.C.1]	Large appliance coating. Applies to General, Multi-Component (Baked): VOC, Total \leq 2.3 lb/gal (0.275 kg/L) of coating as applied (minus water and exempt solvent). Which Months: All Year Statistical Basis: Daily average
278	[LAC 33:III.2123.C.1]	Large appliance coating. Applies to General, One Component: VOC, Total \leq 2.3 lb/gal (0.275 kg/L) of coating as applied (minus water and exempt solvent). Which Months: All Year Statistical Basis: Daily average
279	[LAC 33:III.2123.C.1]	Large appliance coating. Applies to Heat Resistant: VOC, Total \leq 2.8 lb/gal (0.340 kg/L) of coating as applied (minus water and exempt solvent). Which Months: All Year Statistical Basis: Daily average
280	[LAC 33:III.2123.C.1]	Large appliance coating. Applies to Metallic: VOC, Total \leq 2.8 lb/gal (0.340 kg/L) of coating as applied (minus water and exempt solvent). Which Months: All Year Statistical Basis: Daily average
281	[LAC 33:III.2123.C.1]	Large appliance coating. Applies to Pretreatment Coatings: VOC, Total \leq 2.8 lb/gal (0.340 kg/L) of coating as applied (minus water and exempt solvent). Which Months: All Year Statistical Basis: Daily average
282	[LAC 33:III.2123.C.1]	Large appliance coating. Applies to Solar Absorbent: VOC, Total \leq 2.8 lb/gal (0.340 kg/L) of coating as applied (minus water and exempt solvent). Which Months: All Year Statistical Basis: Daily average
283	[LAC 33:III.2123.C.2]	Surface coating of cans. End sealing compound: VOC, Total \leq 3.7 lb/gal (0.44 kg/L) of coating as applied (minus water and exempt solvent). Which Months: All Year Statistical Basis: Daily average
284	[LAC 33:III.2123.C.2]	Surface coating of cans. Sheet basecoat (exterior and interior) and over-varnish: Two-piece can exterior (basecoat and over-varnish): VOC, Total \leq 2.8 lb/gal (0.34 kg/L) of coating as applied (minus water and exempt solvent). Which Months: All Year Statistical Basis: Daily average
285	[LAC 33:III.2123.C.2]	Surface coating of cans. Three-piece can side seam spray: VOC, Total \leq 5.5 lb/gal (0.66 kg/L) of coating as applied (minus water and exempt solvent). Which Months: All Year Statistical Basis: Daily average
286	[LAC 33:III.2123.C.2]	Surface coating of cans. Two and three-piece can interior body spray, two-piece can exterior end (spray or roll coat): VOC, Total \leq 4.2 lb/gal (0.51 kg/L) of coating as applied (minus water and exempt solvent). Which Months: All Year Statistical Basis: Daily average
287	[LAC 33:III.2123.C.3]	Surface coating of Coils. Prime and topcoat or single coat operations: VOC, Total \leq 2.6 lb/gal (0.31 kg/L) of coating as applied (minus water and exempt solvent). Which Months: All Year Statistical Basis: Daily average
288	[LAC 33:III.2123.C.4]	Surface coating of fabrics. Fabric Facility: VOC, Total \leq 2.9 lb/gal (0.35 kg/L) of coating as applied (minus water and exempt solvent). Which Months: All Year Statistical Basis: Daily average
289	[LAC 33:III.2123.C.4]	Surface coating of fabrics. Vinyl coating line (except Plastisol coating): VOC, Total \leq 3.8 lb/gal (0.45 kg/L) of coating as applied (minus water and exempt solvent). Which Months: All Year Statistical Basis: Daily average

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ARE 0002 - Surface Coating Subject to LAC 33:III.2123

- 290 [LAC 33:III.2123.C.5] Surface coating-magnet wire coating. Coating line: VOC, Total \leq 1.7 lb/gal (0.20 kg/L) of coating as applied (minus water and exempt solvent).
Which Months: All Year Statistical Basis: Daily average
- 291 [LAC 33:III.2123.C.6] Metal Furniture coating. Applies to Extreme High Gloss (Air Dried): VOC, Total \leq 2.8 lb/gal (0.340 kg/L) of coating as applied (minus water and exempt solvent).
Which Months: All Year Statistical Basis: Daily average
- 292 [LAC 33:III.2123.C.6] Metal Furniture coating. Applies to Extreme High Gloss (Baked): VOC, Total \leq 3.0 lb/gal (0.360 kg/L) of coating as applied (minus water and exempt solvent).
Which Months: All Year Statistical Basis: Daily average
- 293 [LAC 33:III.2123.C.6] Metal Furniture coating. Applies to Extreme Performance: VOC, Total \leq 3.0 lb/gal (0.360 kg/L) of coating as applied (minus water and exempt solvent).
Which Months: All Year Statistical Basis: Daily average
- 294 [LAC 33:III.2123.C.6] Metal Furniture coating. Applies to General, Multi-Component (Air Dried): VOC, Total \leq 2.8 lb/gal (0.340 kg/L) of coating as applied (minus water and exempt solvent).
Which Months: All Year Statistical Basis: Daily average
- 295 [LAC 33:III.2123.C.6] Metal Furniture coating. Applies to General, Multi-Component (Baked): VOC, Total \leq 2.3 lb/gal (0.275 kg/L) of coating as applied (minus water and exempt solvent).
Which Months: All Year Statistical Basis: Daily average
- 296 [LAC 33:III.2123.C.6] Metal Furniture coating. Applies to General, One Component (Baked or Air Dried): VOC, Total \leq 2.3 lb/gal (0.275 kg/L) of coating as applied (minus water and exempt solvent).
Which Months: All Year Statistical Basis: Daily average
- 297 [LAC 33:III.2123.C.6] Metal Furniture coating. Applies to Heat Resistant: VOC, Total \leq 3.0 lb/gal (0.360 kg/L) of coating as applied (minus water and exempt solvent).
Which Months: All Year Statistical Basis: Daily average
- 298 [LAC 33:III.2123.C.6] Metal Furniture coating. Applies to Metallic: VOC, Total \leq 3.0 lb/gal (0.360 kg/L) of coating as applied (minus water and exempt solvent).
Which Months: All Year Statistical Basis: Daily average
- 299 [LAC 33:III.2123.C.6] Metal Furniture coating. Applies to Solar Absorbent: VOC, Total \leq 3.0 lb/gal (0.360 kg/L) of coating as applied (minus water and exempt solvent).
Which Months: All Year Statistical Basis: Daily average
- 300 [LAC 33:III.2123.C.7] Surface coating of miscellaneous metal parts and products. Air or Force Air Dried Items (not oven dried) Coating: VOC, Total \leq 3.5 lb/gal (0.42 kg/L) of coating as applied (minus water and exempt solvent).
Which Months: All Year Statistical Basis: Daily average
- 301 [LAC 33:III.2123.C.7] Surface coating of miscellaneous metal parts and products. Clear Coat Coating: VOC, Total \leq 4.3 lb/gal (0.52 kg/L) of coating as applied (minus water and exempt solvent).
Which Months: All Year Statistical Basis: Daily average

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- 302 [LAC 33:III.2123.C.7] Surface coating of miscellaneous metal parts and products. Frequent color changes and/or large numbers of colors applied, or first coat on untreated ferrous substrate: VOC, Total \leq 3.0 lb/gal (0.36 kg/L) of coating as applied (minus water and exempt solvent).
Which Months: All Year Statistical Basis: Daily average
- 303 [LAC 33:III.2123.C.7] Surface coating of miscellaneous metal parts and products. Other: VOC, Total \leq 3.0 lb/gal (0.36 kg/L) of coating as applied (minus water and exempt solvent). These limits do not apply to operations covered in LAC 33:III.2123.C.1-8 or 11 or exterior coating of fully assembled aircraft, auto refinishing, and auto customizing topcoating (processing less than 35 vehicles per day).
Which Months: All Year Statistical Basis: Daily average
- 304 [LAC 33:III.2123.C.7] Surface coating of miscellaneous metal parts and products. Outdoor or Harsh Exposure or Extreme Performance Characteristics Coating: VOC, Total \leq 3.5 lb/gal (0.42 kg/L) of coating as applied (minus water and exempt solvent).
Which Months: All Year Statistical Basis: Daily average
- 305 [LAC 33:III.2123.C.7] Surface coating of miscellaneous metal parts and products. Powder Coating: VOC, Total \leq 0.4 lb/gal (0.05 kg/L) of coating as applied (minus water and exempt solvent).
Which Months: All Year Statistical Basis: Daily average
- 306 [LAC 33:III.2123.C.7] Surface coating of miscellaneous metal parts and products: Camouflage: VOC, Total \leq 3.5 lb/gal (0.42 kg/L) of coating as applied (minus water and exempt solvent).
- 307 [LAC 33:III.2123.C.7] Surface coating of miscellaneous metal parts and products: Drum Coating, New Exterior: VOC, Total \leq 2.8 lb/gal (0.34 kg/L) of coating as applied (minus water and exempt solvent).
- 308 [LAC 33:III.2123.C.7] Surface coating of miscellaneous metal parts and products: Drum Coating, New Interior: VOC, Total \leq 3.5 lb/gal (0.42 kg/L) of coating as applied (minus water and exempt solvent).
- 309 [LAC 33:III.2123.C.7] Surface coating of miscellaneous metal parts and products: Drum Coating, Reconditioned, Exterior: VOC, Total \leq 3.5 lb/gal (0.42 kg/L) of coating as applied (minus water and exempt solvent).
- 310 [LAC 33:III.2123.C.7] Surface coating of miscellaneous metal parts and products: Drum Coating, Reconditioned, Interior: VOC, Total \leq 4.2 lb/gal (0.50 kg/L) of coating as applied (minus water and exempt solvent).
- 311 [LAC 33:III.2123.C.7] Surface coating of miscellaneous metal parts and products: Electric Insulating Varnish: VOC, Total \leq 3.5 lb/gal (0.42 kg/L) of coating as applied (minus water and exempt solvent).
- 312 [LAC 33:III.2123.C.7] Surface coating of miscellaneous metal parts and products: Etching Filler: VOC, Total \leq 3.5 lb/gal (0.42 kg/L) of coating as applied (minus water and exempt solvent).
- 313 [LAC 33:III.2123.C.7] Surface coating of miscellaneous metal parts and products: Extreme High Gloss, Extreme Performance, or Heat Resistant (Air-Dried): VOC, Total \leq 3.5 lb/gal (0.42 kg/L) of coating as applied (minus water and exempt solvent).
- 314 [LAC 33:III.2123.C.7] Surface coating of miscellaneous metal parts and products: Extreme High Gloss, Extreme Performance, or Heat Resistant (Baked): VOC, Total \leq 3.0 lb/gal (0.36 kg/L) of coating as applied (minus water and exempt solvent).
- 315 [LAC 33:III.2123.C.7] Surface coating of miscellaneous metal parts and products: High Performance Architectural: VOC, Total \leq 3.5 lb/gal (0.42 kg/L) of coating as applied (minus water and exempt solvent).
- 316 [LAC 33:III.2123.C.7] Surface coating of miscellaneous metal parts and products: High Temperature: VOC, Total \leq 3.5 lb/gal (0.42 kg/L) of coating as applied (minus water and exempt solvent).

SPECIFIC REQUIREMENTS

AI ID: 163497 - Minor Source Air General Permit for Surface Coating & Fabrication Facilities

Activity Number: PER20190001

Permit Number: Surface Coating/Fabrication General Master Permit

Air - Minor Gen Permit-Surf Coat & Fab Mod

Group: PCS 0001 Surface Coating

ARE 0002 - Surface Coating Subject to LAC 33:III.2123

- 317 [LAC 33:III.2123.C.7] Surface coating of miscellaneous metal parts and products: Metallic: VOC, Total <= 3.5 lb/gal (0.42 kg/L) of coating as applied (minus water and exempt solvent).
- 318 [LAC 33:III.2123.C.7] Surface coating of miscellaneous metal parts and products: Military Specification (Air Dried): VOC, Total <= 2.8 lb/gal (0.34 kg/L) of coating as applied (minus water and exempt solvent).
- 319 [LAC 33:III.2123.C.7] Surface coating of miscellaneous metal parts and products: Military Specification (Baked): VOC, Total <= 2.3 lb/gal (0.28 kg/L) of coating as applied (minus water and exempt solvent).
- 320 [LAC 33:III.2123.C.7] Surface coating of miscellaneous metal parts and products: Pan Baking: VOC, Total <= 3.5 lb/gal (0.42 kg/L) of coating as applied (minus water and exempt solvent).
- 321 [LAC 33:III.2123.C.7] Surface coating of miscellaneous metal parts and products: Prefabricated Architectural, One Component or Multi-Component (Air-Dried): VOC, Total <= 3.5 lb/gal (0.42 kg/L) of coating as applied (minus water and exempt solvent).
- 322 [LAC 33:III.2123.C.7] Surface coating of miscellaneous metal parts and products: Prefabricated Architectural, One Component or Multi-Component (Baked): VOC, Total <= 2.3 lb/gal (0.28 kg/L) of coating as applied (minus water and exempt solvent).
- 323 [LAC 33:III.2123.C.7] Surface coating of miscellaneous metal parts and products: Pretreatment Coatings: VOC, Total <= 3.5 lb/gal (0.42 kg/L) of coating as applied (minus water and exempt solvent).
- 324 [LAC 33:III.2123.C.7] Surface coating of miscellaneous metal parts and products: Repair and Touch Up (Air-Dried): VOC, Total <= 3.0 lb/gal (0.42 kg/L) of coating as applied (minus water and exempt solvent).
- 325 [LAC 33:III.2123.C.7] Surface coating of miscellaneous metal parts and products: Repair and Touch Up (Baked): VOC, Total <= 3.0 lb/gal (0.36 kg/L) of coating as applied (minus water and exempt solvent).
- 326 [LAC 33:III.2123.C.7] Surface coating of miscellaneous metal parts and products: Silicone Release: VOC, Total <= 3.5 lb/gal (0.42 kg/L) of coating as applied (minus water and exempt solvent).
- 327 [LAC 33:III.2123.C.7] Surface coating of miscellaneous metal parts and products: Solar Absorbent (Air-Dried): VOC, Total <= 3.5 lb/gal (0.42 kg/L) of coating as applied (minus water and exempt solvent).
- 328 [LAC 33:III.2123.C.7] Surface coating of miscellaneous metal parts and products: Solar Absorbent (Baked): VOC, Total <= 3.0 lb/gal (0.36 kg/L) of coating as applied (minus water and exempt solvent).
- 329 [LAC 33:III.2123.C.7] Surface coating of miscellaneous metal parts and products: Vacuum Metalizing: VOC, Total <= 3.5 lb/gal (0.42 kg/L) of coating as applied (minus water and exempt solvent).
- 330 [LAC 33:III.2123.C.7] Surface coating of miscellaneous metal parts and products: Mold Seal: VOC, Total <= 3.5 lb/gal (0.42 kg/L) of coating as applied (minus water and exempt solvent).
- 331 [LAC 33:III.2123.C.8] Surface coating of miscellaneous plastic parts and products: Electric dissipating coatings and shock free coatings: VOC, Total <= 6.7 lb/gal (0.80 kg/L) of coating as applied (minus water and exempt solvent).
- 332 [LAC 33:III.2123.C.8] Surface coating of miscellaneous plastic parts and products: Extreme performance (2-pack coatings): VOC, Total <= 3.5 lb/gal (0.42 kg/L) of coating as applied (minus water and exempt solvent).
- 333 [LAC 33:III.2123.C.8] Surface coating of miscellaneous plastic parts and products: General, Multi-Component or Metallic: VOC, Total <= 3.5 lb/gal (0.42 kg/L) of coating as applied (minus water and exempt solvent).

SPECIFIC REQUIREMENTS

AI ID: 163497 - Minor Source Air General Permit for Surface Coating & Fabrication Facilities

Activity Number: PER20190001

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Group: PCS 0001 Surface Coating

ARE 0002 - Surface Coating Subject to LAC 33:III.2123

- 334 [LAC 33:III.2123.C.8] Surface coating of miscellaneous plastic parts and products: General, One Component: VOC, Total \leq 2.3 lb/gal (0.28 kg/L) of coating as applied (minus water and exempt solvent).
- 335 [LAC 33:III.2123.C.8] Surface coating of miscellaneous plastic parts and products: Mold seal: VOC, Total \leq 6.3 lb/gal (0.76 kg/L) of coating as applied (minus water and exempt solvent).
- 336 [LAC 33:III.2123.C.8] Surface coating of miscellaneous plastic parts and products: Multi-colored coatings: VOC, Total \leq 5.7 lb/gal (0.68 kg/L) of coating as applied (minus water and exempt solvent).
- 337 [LAC 33:III.2123.C.8] Surface coating of miscellaneous plastic parts and products: Optical coatings or vacuum metalizing: VOC, Total \leq 6.7 lb/gal (0.80 kg/L) of coating as applied (minus water and exempt solvent).
- 338 [LAC 33:III.2123.C.9.a] Surface coating of automotive/transportation plastic parts: high bake coatings-interior and exterior parts. Base coat: VOC, Total \leq 4.3 lb/gal (0.52 kg/L) of coating as applied (minus water and exempt solvent).
- 339 [LAC 33:III.2123.C.9.a] Surface coating of automotive/transportation plastic parts: high bake coatings-interior and exterior parts. Clear coat: VOC, Total \leq 4.0 lb/gal (0.48 kg/L) of coating as applied (minus water and exempt solvent).
- 340 [LAC 33:III.2123.C.9.a] Surface coating of automotive/transportation plastic parts: high bake coatings-interior and exterior parts. Non-Flexible primer: VOC, Total \leq 3.5 lb/gal (0.42 kg/L) of coating as applied (minus water and exempt solvent).
- 341 [LAC 33:III.2123.C.9.a] Surface coating of automotive/transportation plastic parts: high bake coatings-interior and exterior parts. Non-base coat/Clear coat: VOC, Total \leq 4.3 lb/gal (0.52 kg/L) of coating as applied (minus water and exempt solvent).
- 342 [LAC 33:III.2123.C.9.b] Surface coating of automotive/transportation plastic parts: low bake/air-dried coatings-exterior parts. Base coat: VOC, Total \leq 5.0 lb/gal (0.54 kg/L) of coating as applied (minus water and exempt solvent).
- 343 [LAC 33:III.2123.C.9.b] Surface coating of automotive/transportation plastic parts: low bake/air-dried coatings-exterior parts. Clear coat: VOC, Total \leq 4.5 lb/gal (0.54 kg/L) of coating as applied (minus water and exempt solvent).
- 344 [LAC 33:III.2123.C.9.b] Surface coating of automotive/transportation plastic parts: low bake/air-dried coatings-exterior parts. Non-base coat/Clear coat: VOC, Total \leq 5.0 lb/gal (0.60 kg/L) of coating as applied (minus water and exempt solvent).
- 345 [LAC 33:III.2123.C.9.b] Surface coating of automotive/transportation plastic parts: low bake/air-dried coatings-exterior parts. Primer: VOC, Total \leq 4.8 lb/gal (0.58 kg/L) of coating as applied (minus water and exempt solvent).
- 346 [LAC 33:III.2123.C.9.c] Surface coating of automotive/transportation plastic parts: low bake/air-dried coatings-interior parts: VOC, Total \leq 5.0 lb/gal (0.60 kg/L) of coating as applied (minus water and exempt solvent).
- 347 [LAC 33:III.2123.C.9.d] Surface coating of automotive/transportation plastic parts: touch up and repair coatings: VOC, Total \leq 5.2 lb/gal (0.62 kg/L) of coating as applied (minus water and exempt solvent).
- 348 [LAC 33:III.2123.D.12.a] Cleaning activities: VOC, Total \leq 5 % by weight, or composite vapor pressure \leq 0.50 millimeters of mercury at 20 degrees Celsius. Which Months: All Year Statistical Basis: None specified
- 349 [LAC 33:III.2123.D.12.b] Use non-VOC solvents to remove cured resin and gel coat from application equipment.
- 350 [LAC 33:III.2123.D.13] Use one of the application methods specified in LAC 33:III.2123.D.13.a through D.13.h when applying adhesives.
- 351 [LAC 33:III.2123.D.1] Determine the effectiveness of the capture system (i.e. capture efficiency) using the procedure specified in LAC 33:III.2123.E.6.
- 352 [LAC 33:III.2123.D.1] Submit design data for each capture system and emission control device that is proposed for use to the Office of Environmental Services for approval.

SPECIFIC REQUIREMENTS

AI ID: 163497 - Minor Source Air General Permit for Surface Coating & Fabrication Facilities

Activity Number: PER20190001

Permit Number: Surface Coating/Fabrication General Master Permit

Air - Minor Gen Permit-Surf Coat & Fab Mod

Troup: PCS 0001 Surface Coating

ARE 0002 - Surface Coating Subject to LAC 33:III.2123

- 353 [LAC 33:III.2123.D.1] VOC, Total >= 80 % control efficiency for industrial cleaning solvents, and miscellaneous industrial adhesive operations; 90 % control efficiency for factory surface coating of flat wood paneling, surface coating of metal furniture, large appliance coating, surface coating of miscellaneous metal parts and products, surface coating of miscellaneous plastic parts and products, surface coating of automotive/transportation plastic parts, surface coating of business machine plastic parts, surface coating of pleasure craft, surface coating of paper, film, foil, pressure-sensitive tape, and labels, and surface coating of motor vehicle materials).
Which Months: All Year Statistical Basis: None specified
- 354 [LAC 33:III.2123.D.3] Determine compliance by the procedure specified in "Control of Volatile Organic Emissions for Existing Stationary Sources. Vol. 2-Surface Coating of Cans, Coils, Paper, Fabric, Autos and Lt. Duty Trucks", (EPA 450/2-77-008), the procedures specified in "Measurement of Volatile Organic Compounds" (EPA-450/2-78-041), a method approved by DEQ or certification from the paint manufacturer concerning the solvent makeup of the paint. Treat exempt solvents the same as water in calculating the VOC content per gallon of coating.
- 355 [LAC 33:III.2123.D.4] Determine compliance with the emission limits established LAC 33:III.2123.C.Table 1, Item 16 in accordance with EPA's "Protocol for Determining the Daily Volatile Organic Compound Emission Rate of Automobile and Light Duty Truck Topcoat Operations", EPA 453/R-08-002, September, 2008.
- 356 [LAC 33:III.2123.D.9] Test the improved transfer efficiency equipment following procedures approved in advance by DEQ and consistent with those transfer efficiency testing procedures specified in LAC 33:III.2123.E.5. Calculate the applicable emission limit using the transfer efficiency baseline established by DEQ and determine compliance following a calculation procedure also approved by DEQ.
- 357 [LAC 33:III.2123.E] Determine compliance with LAC 33:III.2123.A, C, and D by applying the test methods specified in LAC 33:III.2123.E.1 through E.7, as appropriate.
- 358 [LAC 33:III.2123.F] Equipment/operational data recordkeeping by electronic or hard copy at the regulation's specified frequency. Keep records of the information specified in LAC 33:III.2123.F.1 through F.4 to verify compliance with LAC 33:III.2123. Maintain records for at least two years.
- 359 [LAC 33:III.2123.G.1] Store all VOC coatings, thinners, and cleaning materials in closed containers.
- 360 [LAC 33:III.2123.G.2] Minimize spills and clean up spills immediately.
- 361 [LAC 33:III.2123.G.3] Convey any coatings, thinners, and cleaning material in closed containers or pipes.
- 362 [LAC 33:III.2123.G.4] Close mixing vessels containing VOC coatings and other material except when specifically in use.
- 363 [LAC 33:III.2123.I] Comply with the requirements of LAC 33:III.2123 as soon as practicable, but in no event later than one year from the promulgation of the regulation revision, if subject to LAC 33:III.2123 as a result of a revision of LAC 33:III.2123.

ARE 0003 - Surface Coating Exempt from LAC 33:III.2123

- 364 [LAC 33:III.2123.F] Equipment/operational data recordkeeping by electronic or hard copy at the regulation's specified frequency. Keep records of the information specified in LAC 33:III.2123.F.1 through F.4 to verify exemption from LAC 33:III.2123. Maintain records for at least two years.

ARE 0004 - Miscellaneous Surface Coating Subject to NESHAP HHHHHH

SPECIFIC REQUIREMENTS

AI ID: 163497 - Minor Source Air General Permit for Surface Coating & Fabrication Facilities

Activity Number: PER20190001

Permit Number: Surface Coating/Fabrication General Master Permit

Air - Minor Gen Permit-Surf Coat & Fab Mod

Group: PCS 0001 Surface Coating

ARE 0004 - Miscellaneous Surface Coating Subject to NESHAP HHHHHH

- 365 [40 CFR 63.11173(e)(1)] Ensure that all painters are certified that they have completed training in the proper spray application of surface coatings and the proper setup and maintenance of spray equipment, as specified in 40 CFR 63.11173(f). Subpart HHHHHH. [40 CFR 63.11173(e)(1)]
- 366 [40 CFR 63.11173(e)(2)(i)] Ensure that all spray booths, preparation stations, and mobile enclosures are fitted with a type of filter technology that is demonstrated to achieve at least 98% capture of paint overspray. Subpart HHHHHH. [40 CFR 63.11173(e)(2)(i)]
- 367 [40 CFR 63.11173(e)(2)(iii)] Option 1: Ensure that spray booths and preparation stations that are used to coat miscellaneous parts and products or vehicle subassemblies have a full roof, at least three complete walls or complete side curtains, and must be ventilated so that air is drawn into the booth. Subpart HHHHHH. [40 CFR 63.11173(e)(2)(iii)]
- 368 [40 CFR 63.11173(e)(2)(iv)] Option 2: Ensure that mobile ventilated enclosures that are used to perform spot repairs enclose and, if necessary, seal against the surface around the area being coated such that paint overspray is retained within the enclosure and directed to a filter to capture paint overspray. Subpart HHHHHH. [40 CFR 63.11173(e)(2)(iv)]
- 369 [40 CFR 63.11173(e)(3)] Apply all spray-applied coatings with a high volume, low pressure (HVLP) spray gun, electrostatic application, airless spray gun, air-assisted airless spray gun, or an equivalent technology that is demonstrated by the spray gun manufacturer to achieve transfer efficiency comparable to one of the spray gun technologies listed above for a comparable operation, and for which written approval has been obtained from DEQ. Subpart HHHHHH. [40 CFR 63.11173(e)(3)]
- 370 [40 CFR 63.11173(e)(4)] Conduct all paint spray gun cleaning so that an atomized mist or spray of gun cleaning solvent and paint residue is not created outside of a container that collects used gun cleaning solvent. Subpart HHHHHH. [40 CFR 63.11173(e)(4)]
- 371 [40 CFR 63.11176(a)] Submit Notification of Changes Report: Due annually prior to March 1, if information previously submitted in either the initial notification required by 40 CFR 63.11175(a), Notification of Compliance, or a previous annual notification of changes report submitted under 40 CFR 63.11176(a), has changed. Include the information specified in 40 CFR 63.11176(a)(1) and (a)(2). Subpart HHHHHH. [40 CFR 63.11176(a)]
- 372 [40 CFR 63.11177] Equipment/operational data recordkeeping by electronic or hard copy at the regulation's specified frequency. Keep records of the information specified in 40 CFR 63.11177(a) through (d) and (g) and (h). Subpart HHHHHH.
- 373 [40 CFR 63.11178] Maintain copies of the records specified in 40 CFR 63.11177 for a period of at least five years after the date of each record. Keep copies of records on site and in a printed or electronic form that is readily accessible for inspection for at least the first two years after their date. After the two year period records may be kept off-site. Subpart HHHHHH.
- 374 [40 CFR 63.] All affected facilities shall comply with all applicable provisions in 40 CFR 63 Subpart A as delineated in Table 1 of 40 CFR 63 Subpart HHHHHH.

ARE 0005 - Motor Vehicle and Mobile Equipment Surface Coating Subject to NESHAP HHHHHH

- 375 [40 CFR 63.11173(e)(1)] Ensure that all painters are certified that they have completed training in the proper spray application of surface coatings and the proper setup and maintenance of spray equipment, as specified in 40 CFR 63.11173(f). Subpart HHHHHH. [40 CFR 63.11173(e)(1)]
- 376 [40 CFR 63.11173(e)(2)(i)] Ensure that all spray booths, preparation stations, and mobile enclosures are fitted with a type of filter technology that is demonstrated to achieve at least 98% capture of paint overspray. Subpart HHHHHH. [40 CFR 63.11173(e)(2)(i)]

SPECIFIC REQUIREMENTS

AI ID: 163497 - Minor Source Air General Permit for Surface Coating & Fabrication Facilities

Activity Number: PER20190001

Permit Number: Surface Coating/Fabrication General Master Permit

Air - Minor Gen Permit-Surf Coat & Fab Mod

Troup: PCS 0001 Surface Coating

ARE 0005 - Motor Vehicle and Mobile Equipment Surface Coating Subject to NESHAP HHHHHH

- 377 [40 CFR 63.11173(e)(2)(ii)] Ensure that spray booths and preparation stations used to refinish complete motor vehicles or mobile equipment are fully enclosed with a full roof, and four complete walls or complete side curtains, and are ventilated at negative pressure so that air is drawn into any openings in the booth walls or preparation station curtains. If a spray booth is fully enclosed and has seals on all doors and other openings and has an automatic pressure balancing system, it may be operated at up to, but not more than, 0.05 inches water gauge positive pressure. Subpart HHHHHH. [40 CFR 63.11173(e)(2)(ii)]
- 378 [40 CFR 63.11173(e)(2)(iv)] Ensure that mobile ventilated enclosures that are used to perform spot repairs enclose and, if necessary, seal against the surface around the area being coated such that paint overspray is retained within the enclosure and directed to a filter to capture paint overspray. Subpart HHHHHH. [40 CFR 63.11173(e)(2)(iv)]
- 379 [40 CFR 63.11173(e)(3)] Apply all spray-applied coatings with a high volume, low pressure (HVLP) spray gun, electrostatic application, airless spray gun, air-assisted airless spray gun, or an equivalent technology that is demonstrated by the spray gun manufacturer to achieve transfer efficiency comparable to one of the spray gun technologies listed above for a comparable operation, and for which written approval has been obtained from DEQ. Subpart HHHHHH. [40 CFR 63.11173(e)(3)]
- 380 [40 CFR 63.11173(e)(4)] Conduct all paint spray gun cleaning so that an atomized mist or spray of gun cleaning solvent and paint residue is not created outside of a container that collects used gun cleaning solvent. Subpart HHHHHH. [40 CFR 63.11173(e)(4)]
- 381 [40 CFR 63.11176(a)] Submit Notification of Changes Report: Due annually prior to March 1, if information previously submitted in either the initial notification required by 40 CFR 63.11175(a), Notification of Compliance, or a previous annual notification of changes report submitted under 40 CFR 63.11176(a), has changed. Include the information specified in 40 CFR 63.11176(a)(1) and (a)(2). Subpart HHHHHH. [40 CFR 63.11176(a)]
- 382 [40 CFR 63.11177] Equipment/operational data recordkeeping by electronic or hard copy at the regulation's specified frequency. Keep records of the information specified in 40 CFR 63.11177(a) through (d) and (g) and (h). Subpart HHHHHH.
- 383 [40 CFR 63.11178] Maintain copies of the records specified in 40 CFR 63.11177 for a period of at least five years after the date of each record. Keep copies of records on site and in a printed or electronic form that is readily accessible for inspection for at least the first two years after their date. After the two year period records may be kept off-site. Subpart HHHHHH.
- 384 [40 CFR 63.] All affected facilities shall comply with all applicable provisions in 40 CFR 63 Subpart A as delineated in Table 1 of 40 CFR 63 Subpart HHHHHH.

ARE 0006 - Surface Coating Subject to NESHAP XXXXXX

- 385 [40 CFR 63.11516(d)(1)(i)] Ensure that spray booths or spray rooms have a full roof, at least two complete walls, and one or two complete side curtains or other barrier material so that all four sides are covered. Ventilate the spray booths or spray rooms so that air is drawn into the booth and leaves only through the filter. The roof may contain narrow slots for connecting fabricated products to overhead cranes, and/or for cords or cables. Subpart XXXXXX. [40 CFR 63.11516(d)(1)(i)]
- 386 [40 CFR 63.11516(d)(1)(ii)] Fit all spray booths or spray rooms with a type of filter technology that is demonstrated to achieve at least 98 percent capture of MFHAP. Subpart XXXXXX. [40 CFR 63.11516(d)(1)(ii)]
- 387 [40 CFR 63.11516(d)(1)(iii)] Perform regular inspection and replacement of the filters in all spray booths or spray rooms according to manufacturer's instructions. Subpart XXXXXX. [40 CFR 63.11516(d)(1)(iii)]

SPECIFIC REQUIREMENTS

AI ID: 163497 - Minor Source Air General Permit for Surface Coating & Fabrication Facilities

Activity Number: PER20190001

Permit Number: Surface Coating/Fabrication General Master Permit

Air - Minor Gen Permit-Surf Coat & Fab Mod

Group: PCS 0001 Surface Coating

ARE 0006 - Surface Coating Subject to NESHAP XXXXXX

- 388 [40 CFR 63.11516(d)(1)(iv)] Equip spray booths or spray rooms with a water curtain that is operated and maintained according to the manufacturer's specifications and that achieves at least 98 percent control of MFHAP. Subpart XXXXXX. [40 CFR 63.11516(d)(1)(iv)]
- 389 [40 CFR 63.11516(d)(2)] Apply all paints applied via spray-applied painting with a high-volume, low-pressure (HVLP) spray gun, electrostatic application, airless spray gun, air-assisted airless spray gun, or an equivalent technology that is demonstrated to achieve transfer efficiency comparable to one of these spray gun technologies for a comparable operation, and for which written approval has been obtained from DEQ. Subpart XXXXXX. [40 CFR 63.11516(d)(2)]
- 390 [40 CFR 63.11516(d)(4)] Perform all cleaning of paint spray guns with either non-HAP gun cleaning solvents, or in such a manner that an atomized mist of spray of gun cleaning solvent and paint residue is not created outside of a container that collects the used gun cleaning solvent. Subpart XXXXXX. [40 CFR 63.11516(d)(4)]
- 391 [40 CFR 63.11516(d)(5)] Ensure that all workers performing painting are certified that they have completed training in the proper spray application of paints and the proper setup and maintenance of spray equipment. The spray application of paint is prohibited by persons who are not certified as having completed the training described in 40 CFR 63.11516(d)(6). Subpart XXXXXX. [40 CFR 63.11516(d)(5)]
- 392 [40 CFR 63.11516(d)(6)] Ensure and certify that all new and existing personnel, including contract personnel, who spray apply paints are trained in the proper application of paints as required by 40 CFR 63.11516(d)(5). Ensure that the training program includes, at a minimum, the items listed in 40 CFR 63.11516(d)(6)(i) through (d)(6)(iii). Subpart XXXXXX. [40 CFR 63.11516(d)(6)]
- 393 [40 CFR 63.11516(d)(9)] Ensure that all personnel receive refresher training that meets the requirements of 40 CFR 63.11516 and are re-certified every 5 years. Subpart XXXXXX. [40 CFR 63.11516(d)(9)]
- 394 [40 CFR 63.11519(b)(1)] Submit Certification and Compliance Report: Due annually, by the 31st of January. Include the information specified in 40 CFR 63.11519(b)(4) through (b)(9), as applicable. Keep the report in a readily-accessible location for inspector review. Submit exceedance report with the certification and compliance report if an exceedance has occurred during the year. Subpart XXXXXX. [40 CFR 63.11519(b)(1)]
- 395 [40 CFR 63.11519(c)(15)] Keep records in a form suitable and readily available for expeditious review, according to 40 CFR 63.10(b)(1). Keep each record for 5 years following the date of each occurrence, measurement, corrective action, report, or record. Keep each record on-site for at least 2 years after the date of each occurrence, measurement, corrective action, report, or record according to 40 CFR 63.10(b)(1). The remaining 3 years may be kept off-site. Subpart XXXXXX. [40 CFR 63.11519(c)(15)]
- 396 [40 CFR 63.11519(c)] Equipment/operational data recordkeeping by electronic or hard copy at the regulation's specified frequency. Keep records of the information specified in 40 CFR 63.11519(c)(1) through (c)(14), as applicable. Subpart XXXXXX. [40 CFR 63.11519(c)]
- 397 [40 CFR 63.] All affected facilities shall comply with all applicable provisions in 40 CFR 63 Subpart A as delineated in Table 4 of 40 CFR 63 Subpart XXXXXX.

Group: PCS 0003 Welding, Cutting, Grinding, Machining, and Polishing

Group Members: EQT 0001 EQT 0002 EQT 0003

EQT 0001 - All Welding, Cutting, Grinding, Machining, and Polishing

SPECIFIC REQUIREMENTS

AI ID: 163497 - Minor Source Air General Permit for Surface Coating & Fabrication Facilities

Activity Number: PER20190001

Permit Number: Surface Coating/Fabrication General Master Permit

Air - Minor Gen Permit-Surf Coat & Fab Mod

Group: PCS 0003 Welding, Cutting, Grinding, Machining, and Polishing

EQT 0001 - All Welding, Cutting, Grinding, Machining, and Polishing

- 398 [LAC 33:III.1305.A] Prevent particulate matter from becoming airborne by taking all reasonable precautions including, but not limited to, those specified in LAC 33:III.1305.A.1 through A.7.
- 399 [LAC 33:III.1311.C] Opacity <= 20 percent, except for emissions that have an average opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes.
- Which Months: All Year Statistical Basis: Six-minute average

EQT 0002 - Welding Subject to NESHAP XXXXXX

- 400 [40 CFR 63.11516(f)(1)] Operate all equipment, capture, and control devices associated with welding operations according to manufacturer's instructions. Subpart XXXXXX. [40 CFR 63.11516(f)(1)]
- 401 [40 CFR 63.11516(f)(2)] Implement one or more of the management practices specified in 40 CFR 63.11516(f)(2)(i) through (f)(2)(v) to minimize emissions of MFHAP, as practicable, while maintaining the required welding quality through the application of sound engineering judgment. Subpart XXXXXX. [40 CFR 63.11516(f)(2)]
- 402 [40 CFR 63.11516(f)(3)] Visible emissions monitored by 40 CFR 60, Appendix A, Method 22 daily on each day the process is in operation, during the operation of the process. Subpart XXXXXX. [40 CFR 63.11516(f)(3), 40 CFR 63.11517(b)(1)]
- Which Months: All Year Statistical Basis: None specified
- 403 [40 CFR 63.11516(f)(3)] Visible emissions monitored by 40 CFR 60, Appendix A, Method 22 monthly, if no visible fugitive emissions are detected in four consecutive weekly EPA Method 22 tests performed in accordance with 40 CFR 63.11517(b)(2). Resume weekly EPA Method 22 tests in accordance with 40 CFR 63.11517(b)(2) if visible fugitive emissions are detected during these tests. Subpart XXXXXX. [40 CFR 63.11516(f)(3), 40 CFR 63.11517(b)(3)]
- Which Months: All Year Statistical Basis: None specified
- 404 [40 CFR 63.11516(f)(3)] Visible emissions monitored by 40 CFR 60, Appendix A, Method 22 quarterly, if no visible fugitive emissions are detected in three consecutive monthly EPA Method 22 tests performed in accordance with 40 CFR 63.11517(b)(3). Resume monthly EPA Method 22 tests in accordance with 40 CFR 63.11517(b)(3) if visible fugitive emissions are detected during these tests. Subpart XXXXXX. [40 CFR 63.11516(f)(3), 40 CFR 63.11517(b)(4)]
- Which Months: All Year Statistical Basis: None specified
- 405 [40 CFR 63.11516(f)(3)] Visible emissions monitored by 40 CFR 60, Appendix A, Method 22 weekly, if no visible fugitive emissions are detected in consecutive daily EPA Method 22 test, performed in accordance with 40 CFR 63.11517(b)(1) for 10 days of work day operation of the process. Resume EPA Method 22 testing of that operation once per day during each day that the process is in operation, in accordance with 40 CFR 63.11517(b)(1), if visible fugitive emissions are detected during these tests. Subpart XXXXXX. [40 CFR 63.11516(f)(3), 40 CFR 63.11517(b)(2)]
- Which Months: All Year Statistical Basis: None specified
- 406 [40 CFR 63.11516(f)(4)(i)] Perform corrective actions that include, but are not limited to, inspection of welding fume sources, and evaluation of the proper operation and effectiveness of the management practices or fume control measures implemented in accordance with 40 CFR 63.11516(f)(2), if visible fugitive emissions are detected during any visual determination required in 40 CFR 63.11516(f)(3). Perform a follow-up inspection for visible fugitive emissions in accordance with 40 CFR 63.11517(a) at the primary vent, stack, exit, or opening from the building containing the welding operations after completing corrective actions. Subpart XXXXXX. [40 CFR 63.11516(f)(4)(i)]

SPECIFIC REQUIREMENTS

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Activity Number: PER20190001

Permit Number: Surface Coating/Fabrication General Master Permit

Air - Minor Gen Permit-Surf Coat & Fab Mod

Group: PCS 0003 Welding, Grinding, Machining, and Polishing

EQT 0002 - Welding Subject to NESHAP XXXXXX

- 407 [40 CFR 63.11516(f)(5)(i)] Opacity monitored by 40 CFR 60, Appendix A, Method 9 within 24 hours of the end of the visual determination of fugitive emissions in which visible fugitive emissions were detected, if visible fugitive emissions are detected more than once during any consecutive 12 month period. Monitor opacity at the primary vent, stack, exit, or opening from the building containing the welding operations. Subpart XXXXXX. [40 CFR 63.11516(f)(5)(i), 40 CFR 63.11517(c)]
Which Months: All Year Statistical Basis: None specified
- 408 [40 CFR 63.11516(f)(5)(ii)] Opacity monitored by 40 CFR 60, Appendix A, Method 9 daily during each day that the process is in operation. Subpart XXXXXX. [40 CFR 63.11516(f)(5)(ii), 40 CFR 63.11517(d)(1)]
Which Months: All Year Statistical Basis: Six-minute average
- 409 [40 CFR 63.11516(f)(5)(iii)] Opacity monitored by 40 CFR 60, Appendix A, Method 9 monthly (once per every 21 days of operation of the process), if the average of the six minute opacities recorded during any of the consecutive weekly EPA Method 9 tests performed in accordance with 40 CFR 63.11517(d)(2) does not exceed 20 percent for four consecutive weekly tests. Resume testing every five days of operation of the process according to the requirements of 40 CFR 63.11517(d)(2) if visible emissions opacity greater than 20 percent is detected during any monthly test. Subpart XXXXXX. [40 CFR 63.11516(f)(5)(ii), 40 CFR 63.11517(d)(3)]
Which Months: All Year Statistical Basis: Six-minute average
- 410 [40 CFR 63.11516(f)(5)(ii)] Opacity monitored by 40 CFR 60, Appendix A, Method 9 quarterly (once per every 120 days of operation of the process), if the average of the six minute opacities recorded during any of the consecutive monthly EPA Method 9 tests performed in accordance with 40 CFR 63.11517(d)(3) does not exceed 20 percent for three consecutive monthly tests. Resume testing every 21 days (month) of operation of the process according to the requirements of 40 CFR 63.11517(d)(3) if visible emissions opacity greater than 20 percent is detected during any quarterly test. Subpart XXXXXX. [40 CFR 63.11516(f)(5)(ii), 40 CFR 63.11517(d)(4)]
Which Months: All Year Statistical Basis: Six-minute average
- 411 [40 CFR 63.11516(f)(5)(ii)] Opacity monitored by 40 CFR 60, Appendix A, Method 9 weekly (once per five days of consecutive work day operation), if the average of the six minute opacities recorded during any of the daily consecutive EPA Method 9 tests performed in accordance with 40 CFR 63.11517(d)(1) does not exceed 20 percent for 10 days of operation of the process. Resume testing every day of operation of the process according to the requirements of 40 CFR 63.11517(d)(1) if opacity greater than 20 percent is detected during any of these tests. Subpart XXXXXX. [40 CFR 63.11516(f)(5)(ii), 40 CFR 63.11517(d)(2)]
Which Months: All Year Statistical Basis: Six-minute average
- 412 [40 CFR 63.11516(f)(6)] Perform corrective actions, including inspection of all welding fume sources, and evaluation of the proper operation and effectiveness of the management practices or fume control measures implemented in accordance with 40 CFR 63.11516(f)(2), for each visual determination of emissions opacity performed in accordance with 40 CFR 63.11516(f)(5) for which the average of the six-minute average opacities recorded is 20 percent or less but greater than zero. Subpart XXXXXX. [40 CFR 63.11516(f)(6)]

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Activity Number: PER20190001

Permit Number: Surface Coating/Fabrication General Master Permit

Air - Minor Gen Permit-Surf Coat & Fab Mod

Group: PCS 0003 Welding, Cutting, Grinding, Machining, and Polishing

EQT 0002 - Welding Subject to NESHAP XXXXXX

- 413 [40 CFR 63.11516(f)(7)] Prepare and implement a Site-Specific Welding Emissions Management Plan, as specified in 40 CFR 63.11516(f)(8), within 30 days of a visual determination of emissions opacity performed in accordance with 40 CFR 63.11516(f)(5) for which the average of the six- minute average opacities recorded exceeds 20 percent. Include the information specified in 40 CFR 63.11516(f)(8)(i)(A) through (f)(8)(i)(F). If a Site-Specific Welding Emissions Management Plan has already been prepared, prepare and implement a revised Site-Specific Welding Emissions Management Plan. During the preparation (or revision) of the Site-Specific Welding Emissions Management Plan, continue to perform visual determinations of emissions opacity, beginning on a daily schedule as specified in 40 CFR 63.11517(d), at the primary vent, stack, exit, or opening from the building containing the welding operations. Subpart XXXXXX. [40 CFR 63.11516(f)(7)]
- 414 [40 CFR 63.11516(f)(8)(ii)] Update the Site-Specific Welding Emissions Management Plan annually to contain current information, as required by 40 CFR 63.11516(f)(8)(i)(A) through (f)(8)(i)(C), and submit with the annual certification and compliance report. Subpart XXXXXX. [40 CFR 63.11516(f)(8)(ii)]
- 415 [40 CFR 63.11519(b)(1)] Submit Certification and Compliance Report: Due annually, by the 31st of January. Include the information specified in 40 CFR 63.11519(b)(4) through (b)(9), as applicable. Keep the report in a readily-accessible location for inspector review. Submit exceedance report with the certification and compliance report if an exceedance has occurred during the year. Subpart XXXXXX. [40 CFR 63.11519(b)(1)]
- 416 [40 CFR 63.11519(c)(15)] Keep records in a form suitable and readily available for expeditious review, according to 40 CFR 63.10(b)(1). Keep each record for 5 years following the date of each occurrence, measurement, corrective action, report, or record. Keep each record on-site for at least 2 years after the date of each occurrence, measurement, corrective action, report, or record according to 40 CFR 63.10(b)(1). The remaining 3 years may be kept off-site. Subpart XXXXXX. [40 CFR 63.11519(c)(15)]
- 417 [40 CFR 63.11519(c)] Equipment/operational data recordkeeping by electronic or hard copy at the regulation's specified frequency. Keep records of the information specified in 40 CFR 63.11519(c)(1) through (c)(14), as applicable. Subpart XXXXXX. [40 CFR 63.11519(c)]
- 418 [40 CFR 63.] All affected facilities shall comply with all applicable provisions in 40 CFR 63 Subpart A as delineated in Table 4 of 40 CFR 63 Subpart XXXXXX.

EQT 0003 - Dry Grinding, Polishing, and Machining Subject to NESHAP XXXXXX

- 419 [40 CFR 63.11516(b)(1)] Take measures necessary to minimize excess dust in the surrounding area to reduce MFHAP emissions, as practicable. Subpart XXXXXX. [40 CFR 63.11516(b)(1)]
- 420 [40 CFR 63.11516(b)(2)] Operate all equipment associated with machining according to manufacturer's instructions. Subpart XXXXXX. [40 CFR 63.11516(b)(2)]
- 421 [40 CFR 63.11516(c)(1)] Capture emissions and vent them to a filtration control device. Subpart XXXXXX. [40 CFR 63.11516(c)(1)]
- 422 [40 CFR 63.11516(c)(2)(i)] Take measures necessary to minimize excess dust in the surrounding area to reduce MFHAP emissions, as practicable. Subpart XXXXXX. [40 CFR 63.11516(c)(2)(i)]
- 423 [40 CFR 63.11516(c)(2)(ii)] Operate all equipment associated with the operation of dry grinding and dry polishing with machines, including the filtration control device, according to manufacturer's instructions. Subpart XXXXXX. [40 CFR 63.11516(c)(2)(ii)]
- 424 [40 CFR 63.11519(b)(1)] Submit Certification and Compliance Report: Due annually, by the 31st of January. Include the information specified in 40 CFR 63.11519(b)(4) through (b)(9), as applicable. Keep the report in a readily-accessible location for inspector review. Submit exceedance report with the certification and compliance report if an exceedance has occurred during the year. Subpart XXXXXX. [40 CFR 63.11519(b)(1)]

SPECIFIC REQUIREMENTS

AI ID: 163497 - Minor Source Air General Permit for Surface Coating & Fabrication Facilities

Activity Number: PER20190001

Permit Number: Surface Coating/Fabrication General Master Permit

Air - Minor Gen Permit-Surf Coat & Fab Mod

Group: PCS 0003 Welding, Cutting, Grinding, Machining, and Polishing

EQT 0003 - Dry Grinding, Polishing, and Machining Subject to NESHA P XXXXXX

- 425 [40 CFR 63.11519(c)(15)] Keep records in a form suitable and readily available for expeditious review, according to 40 CFR 63.10(b)(1). Keep each record for 5 years following the date of each occurrence, measurement, corrective action, report, or record. Keep each record on-site for at least 2 years after the date of each occurrence, measurement, corrective action, report, or record according to 40 CFR 63.10(b)(1). The remaining 3 years may be kept off-site. Subpart XXXXXX. [40 CFR 63.11519(c)(15)]
- 426 [40 CFR 63.11519(c)] Equipment/operational data recordkeeping by electronic or hard copy at the regulation's specified frequency. Keep records of the information specified in 40 CFR 63.11519(c)(1) through (c)(14), as applicable. Subpart XXXXXX. [40 CFR 63.11519(c)]
- 427 [40 CFR 63.] All affected facilities shall comply with all applicable provisions in 40 CFR 63 Subpart A as delineated in Table 4 of 40 CFR 63 Subpart XXXXXX.

ARE 0011 - Unpaved Roads

- 428 [LAC 33:III.1305.A] Prevent particulate matter from becoming airborne by taking all reasonable precautions including, but not limited to, those specified in LAC 33:III.1305.A.1 through A.7.

EQT 0004 - Dryers and Heaters

- 429 [LAC 33:III.1101.B] Opacity \leq 20 percent, except for emissions that have an average opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes.
Which Months: All Year Statistical Basis: None specified
- 430 [LAC 33:III.1313.C] Total suspended particulate \leq 0.6 lb/MMBTU of heat input.
Which Months: All Year Statistical Basis: None specified

EQT 0009 - Storage Vessels Storing VOC >1.5 psia, >250 gallons, and <10,000 gallons

- 431 [LAC 33:III.2103.A] Equip with a submerged fill pipe.

EQT 0010 - Dust Filters

- 432 [LAC 33:III.501.C.6] Filter vents: Differential Pressure monitored by pressure drop instrument daily across the filter to determine whether a breach of the filter has occurred. If readings indicate a breach, return the filter to compliance as expeditiously as practicable, but at a maximum within three working days, in accordance with good air pollution control practices for minimizing emissions.
Which Months: All Year Statistical Basis: None specified
- 433 [LAC 33:III.501.C.6] Filter vents: Opacity \leq 20 percent average of the shade or appearance of the emission during the first ninety seconds of startup of a unit routed to the filter and for one minute following the installation of new bags or the cleaning of existing bags.
Which Months: All Year Statistical Basis: None specified

SPECIFIC REQUIREMENTS

AI ID: 163497 - Minor Source Air General Permit for Surface Coating & Fabrication Facilities

Activity Number: PER20190001

Permit Number: Surface Coating/Fabrication General Master Permit
Air - Minor Gen Permit-Surf Coat & Fab Mod

EQT 0010 - Dust Filters

- 434 [LAC 33:III.501.C.6] Filter vents: Opacity monitored by technically sound method upon occurrence of event. Monitor during the first ninety seconds of startup of a unit routed to the filter and for one minute following the installation of new bags or the cleaning of existing bags by either a Continuous Monitoring System (COMS) that meets the requirements of 40 CFR 60 Appendix B Performance Specification 1, a qualified, certified visible emissions inspector, in accordance with 40 CFR 60 Appendix A Method 9, or 40 CFR 60 Appendix A Method 22, if the emission point generally exhibits no visible emissions. If Method 22 is used, perform an opacity reading according to 40 CFR 60 Appendix A Method 9 within 1 hour, if visible emissions are present at greater than fifteen percent opacity. Ensure that the BMP plan specifies when opacity readings will be taken in lieu of no visible emissions and the frequency at which readings of percent opacity will be taken.
Which Months: All Year Statistical Basis: None specified
- 435 [LAC 33:III.501.C.6] Filter vents: Visible emissions monitored by visual inspection/determination daily. If visible emissions are observed, restore operation of the filter to its normal or usual manner of operation as expeditiously as practicable, but at a minimum within three working days, in accordance with good air pollution control practices for minimizing emissions.
- 436 [LAC 33:III.501.C.6] Filter vents: Visible emissions recordkeeping by electronic or hard copy daily. Keep records of visible emission checks on site and available for inspection by the Office of Environmental Compliance.
- 437 [LAC 33:III.501.C.6] Particulate matter (10 microns or less) \geq 99 % removal efficiency from filter manufacturer's certification.
Which Months: All Year Statistical Basis: None specified

EQT 0011 - Carbon Adsorption

- 438 [LAC 33:III.501.C.6] Cease using equipment when breakthrough occurs and do not resume use until the carbon adsorption unit has been regenerated or replaced.
- 439 [LAC 33:III.501.C.6] Control VOC emissions using activated carbon adsorption units (at 75% efficiency) that have been approved by the Environmental Assessment.
- 440 [LAC 33:III.501.C.6] Equipment/operational data recordkeeping by electronic or hard copy daily. Keep records of the tests to determine carbon canister life, as well as the dates of canister replacement, on site and available for inspection by the Office of Environmental Compliance.
- 441 [LAC 33:III.501.C.6] Equipment/operational data recordkeeping by electronic or hard copy upon each occurrence of breakthrough. Keep records of the number of breakthroughs on site and available for inspection by the Office of Environmental Compliance.
- 442 [LAC 33:III.501.C.6] Replace canisters as necessary to maintain a control efficiency of 95% minimum.
- 443 [LAC 33:III.501.C.6] Utilize a monitoring system approved by the Environmental Assessment.
- 444 [LAC 33:III.501.C.6] VOC, Total monitored by the regulation's specified method(s) daily. Monitor VOC breakthrough using a portable VOC detector until the reliable life expectancy of the canister is established.
Which Months: All Year Statistical Basis: None specified

EQT 0012 - Thermal Oxidizer

- 445 [LAC 33:III.1101.B] Opacity \leq 20 percent, except for emissions that have an average opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes.
Which Months: All Year Statistical Basis: None specified

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Air - Minor Gen Permit-Surf Coat & Fab Mod

EQT 0012 - Thermal Oxidizer

446 [LAC 33:III.1311.C] Opacity <= 20 percent, except for emissions that have an average opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes.
Which Months: All Year Statistical Basis: Six-minute average

EQT 0017 - Gasoline Dispensing Facilities

447 [40 CFR 63.1111(e)] An affected source shall, upon request by the Administrator, demonstrate that their monthly throughput is less than the 10,000-gallon or the 100,000-gallon threshold level, as applicable. For new or reconstructed affected sources, as specified in 40 CFR 63.1112(b) and (c), recordkeeping to document monthly throughput must begin upon startup of the affected source. For existing sources, as specified in 40 CFR 63.1112(d), recordkeeping to document monthly throughput must begin on January 10, 2008. For existing sources that are subject to Subpart CCCCC only because they load gasoline into fuel tanks other than those in motor vehicles, as defined in 40 CFR 63.1132, recordkeeping to document monthly throughput must begin on January 24, 2011. Records required under this paragraph shall be kept for a period of 5 years. [40 CFR 63.1111(e)]

448 [40 CFR 63.11115(a)] You must, at all times, operate and maintain any affected source, including associated air pollution control equipment and monitoring equipment, in a manner consistent with safety and good air pollution control practices for minimizing emissions. Determination of whether such operation and maintenance procedures are being used will be based on information available to the Administrator which may include, but is not limited to, monitoring results, review of operation and maintenance procedures, review of operation and maintenance records, and inspection of the source.

449 [40 CFR 63.11116(a)] You must not allow gasoline to be handled in a manner that would result in vapor releases to the atmosphere for extended periods of time. Measures to be taken include, but are not limited to, the following: (1) Minimize gasoline spills. (2) Clean up spills as expeditiously as practicable. (3) Cover all open gasoline containers and all gasoline storage tank fill-pipes with a gasketed seal when not in use. Per 40 CFR 63.1116(d), portable gasoline containers that meet the requirements of 40 CFR 59 Subpart F are considered acceptable for compliance with this provision. (4) Minimize gasoline sent to open waste collection systems that collect and transport gasoline to reclamation and recycling devices, such as oil/water separators. [40 CFR 63.11116(a)]

450 [40 CFR 63.11116(b)] You are not required to submit notifications or reports as specified in 40 CFR 63.1125, 40 CFR 63.1126, or 40 CFR 63 Subpart A, but you must have records available within 24 hours of a request by the Administrator to document your gasoline throughput. [40 CFR 63.11116(b)]

451 [40 CFR 63.11130] Table 3 to Subpart CCCCC shows which parts of the General Provisions apply to you.

UNF 0001 - Entire Facility

452 [LAC 33:III.1103] Emissions of smoke which pass onto or across a public road and create a traffic hazard by impairment of visibility as defined in LAC 33:III.111 or intensify an existing traffic hazard condition are prohibited.

453 [LAC 33:III.1109.B] Outdoor burning of waste material or other combustible material is prohibited.

454 [LAC 33:III.1303.B] Emissions of particulate matter which pass onto or across a public road and create a traffic hazard by impairment of visibility or intensify an existing traffic hazard condition are prohibited.

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UNF 0001 - Entire Facility

- 455 [LAC 33:III.2113.A] Maintain best practical housekeeping and maintenance practices at the highest possible standards to reduce the quantity of organic compounds emissions. Good housekeeping shall include, but not be limited to, the practices listed in LAC 33:III.2113.A.1-5.
- 456 [LAC 33:III.219] Failure to pay the prescribed application fee or annual fee as provided herein, within 90 days after the due date, will constitute a violation of these regulations and shall subject the person to applicable enforcement actions under the Louisiana Environmental Quality Act including, but not limited to, revocation or suspension of the applicable permit, license, registration, or variance.
- 457 [LAC 33:III.501.C.6] Any Individual Toxic Air Pollutant (TAP) emitted shall not exceed the lb/hr and tons/yr limits of Table 1. Facilities which emit a TAP not listed in Table 1 shall not exceed the minimum emission rate (MER) for that TAP listed in Table 51.1 and 51.2 of LAC 33:III.Chapter 51. No individual TAP shall exceed eight (8) tons per year.
Carbon monoxide: CO < 90 tons/yr.
- 458 [LAC 33:III.501.C.6] Equipment/operational data recordkeeping by electronic or hard copy monthly: Permittee shall maintain records demonstrating compliance with Section III of this general permit for any consecutive twelve (12) months. Keep records on site for a minimum of two (2) years and available for review by DEQ personnel upon request. Noncompliance with an applicable limitation is a reportable violation of the permit. Notify the Office of Environmental Compliance, Enforcement Division if any emissions exceed the applicable maximum listed in Section III of this general permit for any twelve (12) consecutive months.
- 460 [LAC 33:III.501.C.6] Nitrogen oxides: Attainment parishes: NOx < 90 tons/yr.
- 461 [LAC 33:III.501.C.6] Nitrogen oxides: Nonattainment parishes: NOx < 20 tons/yr.
- 462 [LAC 33:III.501.C.6] Particulate matter (10 microns or less): PM10 < 15 tons/yr.
- 463 [LAC 33:III.501.C.6] Particulate matter (2.5 microns or less) (PM2.5): PM2.5 < 15 tons/yr.
- 464 [LAC 33:III.501.C.6] Sulfur dioxide: SO2 < 40 tons/yr.
- 465 [LAC 33:III.501.C.6] Toxic air pollutants (TAP): Total TAPs <= 20 tons/yr.
- 466 [LAC 33:III.501.C.6] VOC, Total: Attainment parishes: VOC, Total < 90 tons/yr.
- 467 [LAC 33:III.501.C.6] VOC, Total: Nonattainment parishes: VOC, Total < 20 tons/yr.
- 468 [LAC 33:III.5611.A] Submit standby plan for the reduction or elimination of emissions during an Air Pollution Alert, Air Pollution Warning, or Air Pollution Emergency: Due within 30 days after requested by the administrative authority.
During an Air Pollution Alert, Air Pollution Warning or Air Pollution Emergency, make the standby plan available on the premises to any person authorized by the department to enforce these regulations.
- 469 [LAC 33:III.5611.B] When required by Section XI of this general permit and located in Ascension, East Baton Rouge, Iberville, Livingston, or West Baton Rouge:
Submit Emission Inventory (EI)/Annual Emissions Statement : Due annually, by the 30th of April (unless an alternate date has been established by LDEQ) for the previous calendar year that coincides with period of ownership or operatorship, until released from reporting, in writing, by DEQ. Submit both an emissions inventory and the certification statement required by LAC 33:III.919.F.1.c, separately for each AI, in a format specified by the Office of Environmental Assessment. To request a release from reporting, submit a completed Request for Release from Emissions Inventory Reporting form to the Office of Environmental Assessment. [LAC 33:III.919].
- 470 [LAC 33:III.919.D]