pscleanair.org
Puget Sound Clean Air Agency

AIR OPERATING PERMIT

Puget Sound Clean Air Agency
1904 3rd Avenue, Suite 105
Seattle, Washington 98101

Issued in accordance with the provisions of Puget Sound Clean Air Agency Regulation I, Article 7 and Chapter 173-401 WAC.

Pursuant to Puget Sound Clean Air Agency Regulation I, Article 7 and Chapter 173-401 WAC, Kenworth Truck Company Renton (the permittee) is authorized to operate subject to the terms and conditions in this permit.

PERMIT NO.: 17796	**DATE OF ISSUANCE: <date>**
ISSUED TO:	**Kenworth Truck Company Renton**
PERMIT EXPIRATION DATE:	**<issue + 5 yrs>**

NAICS, Primary:	33612 (formerly SIC 3711)
Nature of Business:	Heavy Duty Truck Manufacturing
Mailing Address:	PO Box 9001, Renton, Washington 98057-9001
Facility Address:	1601 North 8th Street, Renton, Washington 98057
Responsible Official:	Bart Hoemann, Plant Manager
Telephone No.:	(425) 227-5801
Site Contact:	Andrew Wells, Environmental Engineer
Telephone No.:	(425) 227-5049
E-mail.:	Andrew.Wells@PACCAR.com

Puget Sound Clean Air Agency Approval:

Margaret Corbin
Engineer

Carole Cenci, P.E.
Compliance Manager

TABLE OF CONTENTS

List of Abbreviations

ASTM	American Society for Testing and Materials
CFR	Code of Federal Regulations
CPIS	Chemical Procurement Information System
Ecology	Washington State Department of Ecology
EPA	Environmental Protection Agency
FCAA	Federal Clean Air Act
HAP	Hazardous Air Pollutants
NESHAP	National Emissions Standard for Hazardous Air Pollutants
O&M Plan	Operation and Maintenance Plan
PSCAA	Puget Sound Clean Air Agency
PSD	Prevention of Significant Deterioration
RCW	Revised Code of Washington
RICE	Reciprocating Internal Combustion Engine
SIP	State Implementation Plan
VOC	Volatile Organic Compounds
WAC	Washington Administrative Code

Section 1: Facility-Wide Emission Limits

The requirements in Section 1 apply facility-wide. Tables 1 and 2 list the citation for the "applicable requirement" and the adoption or effective date in the second column. In some cases, the effective dates of the "Federally Enforceable" requirement and the "*State Only*" requirement are different because either the state (or local authority) has not submitted the regulation to the Environmental Protection Agency (EPA) for approval into the State Implementation Plan (SIP), or the state (or local authority) has submitted it and the EPA has not yet approved it. "*State Only*" adoption dates are in italicized font, and shall be understood to include the Washington Department of Ecology (Ecology) and the Puget Sound Clean Air Agency (PSCAA). When the EPA does approve the new requirement into the SIP, the old requirement will be automatically replaced and superseded by the new requirement. The new requirement will be enforceable by the EPA as well as PSCAA from the date that it is adopted into the SIP, and the old requirement will no longer be an applicable requirement. Some requirements in WAC 173-400-040 may be deleted from the PSCAA SIP if it is determined there is a corresponding rule being implemented by PSCAA that applies only to sources in our jurisdiction. In these cases, only the local rule will apply if EPA removes the requirement from the SIP. This is consistent with the language in the 12/29/12 version of WAC 173-400-020(1).

The third column in the tables is a brief description of the applicable requirement and is not enforceable.

The fourth column in the tables identifies the "Compliance Method" which includes monitoring, recordkeeping and reporting obligations the permittee must conduct to comply with the permit. The compliance methods are listed in conditions below Tables 1 and 2. Following the monitoring method is an enforceable requirement of this permit. Inclusion of these requirements is in accordance with WAC 173-401-605(1) and WAC 173-401-615(1) and (2).

The "Reference Test Method" is listed in the fifth column. This is the test method to be used when a source test is required to determine compliance. In some cases where the applicable requirement does not cite a test method, one has been added. If a reference test method is not listed with the requirement, this means a test method is not applicable to the requirement. Reference Test Methods included in the permit are listed in Section 7 of the permit and include the applicable averaging period.

In the event of conflict or omission between the information contained in the third column of the tables and the actual statute or regulation cited in the second column, the requirements and language of the actual statute or regulation cited shall govern. For more information regarding any of the requirements cited in the second column, refer to the actual requirements cited.

A. GENERAL FACILITY-WIDE EMISSION LIMITS

The requirements in Table 1 and the associated compliance methods apply facility-wide.

Table 1 Facility-wide Emission Limits

Reqmt No.	Enforceable Requirement	Requirement Paraphrase (Information Only)	Compliance Method	Reference Test Method (See Section 7)
RACT Requirement				
1.1	WAC 173-400-040, first paragraph (9/20/93) WAC 173-400-040(1) (*7/1/16, State Only*)	All emission units are required to use RACT.	No monitoring required	Not applicable
Opacity and Particulate Matter Standards				
1.2	PSCAA Reg I: 9.03, except for 9.03(e) (3/11/99) *(3/25/04, State Only)* WAC 173-400-040(1)(a) & (b) (9/20/93) *Once EPA deletes the 9/20/93 version of the WAC from the PSCAA SIP, only the 3/25/04 version of Reg. I, Section 9.03 will apply.*	Shall not emit air contaminants which exhibit greater than 20% opacity for a period or periods aggregating more than 3 minutes in any hour	Condition No.1.16 Opacity Monitoring	Ecology Method 9A
1.3	1.4 PSCAA Reg I: 9.09 (4/9/98)	Shall not emit particulate matter in excess of 0.05 gr/dscf from equipment used in a manufacturing process	Condition No.1.16 Opacity Monitoring	Puget Sound Clean Air Agency Method 5
1.5	PSCAA Reg I: 9.09 (4/9/98)	Shall not emit particulate matter in excess of 0.05 gr/dscf corrected to 7% O_2 from fuel burning equipment	Condition No.1.16 Opacity Monitoring	Puget Sound Clean Air Agency Method 5
1.6	WAC 173-400-060 (3/22/91) *Once EPA deletes the 3/22/91 version of the WAC from the PSCAA SIP, only Reg. I, Section 9.09 will apply*	Shall not emit particulate matter in excess of 0.1 gr/dscf from general process units	Condition No.1.16 Opacity Monitoring	EPA Method 5
1.7	WAC 173-400-050(1) WAC 173-400-050(3) (3/22/91) *Once EPA deletes the 3/22/91 version of the WAC from the PSCAA SIP, only Reg. I, Section 9.09 will apply*	Shall not emit particulate matter in excess of 0.1 gr/dscf corrected to 7% O_2 from combustion and incineration units	Condition No.1.16 Opacity Monitoring	EPA Method 5

Reqmt No.	Enforceable Requirement	Requirement Paraphrase (Information Only)	Compliance Method	Reference Test Method (See Section 7)
Fugitive Dust Emissions Standards				
1.8	PSCAA Reg. I: 9.15 (3/11/99) WAC 173-400-040(8)(a) (9/20/93) *Once EPA deletes the 9/20/93 version of the WAC from the PSCAA SIP, only Reg. I, Section 9.15 will apply*	Shall not cause or allow visible emissions of fugitive dust unless reasonable precautions are employed to minimize the emissions. Reasonable precautions include but are not limited to, the following: (1) The use of control equipment, enclosures, and wet (or chemical) suppression techniques, as practical, and curtailment during high winds; (2) Surfacing roadways and parking areas with asphalt, concrete, or gravel; (3) Treating temporary, low-traffic areas (e.g., construction sites) with water or chemical stabilizers, reducing vehicle speeds, constructing pavement or rip rap exit aprons, and cleaning vehicle undercarriages before they exit to prevent the track-out of mud or dirt onto paved public roadways; or (4) Covering or wetting truck loads or allowing adequate freeboard to prevent the escape of dust-bearing materials. Compliance with the provisions of this section shall not relieve the permittee of the responsibility of complying with Regulation I, Section 9.11	Condition No. 1.17 Facility-wide Inspections Condition No. 1.18 Complaint Response	Not applicable
1.9	WAC 173-400-040(3) (9/20/93) *WAC 173-400-040(4) (7/1/16, State Only)* *WAC 173-400-040(4)(a)* (7/1/16) *will become federally enforceable upon adoption into the SIP and will replace the 9/20/93 version of WAC 173-400-040*(3).	If engaging in materials handling, construction, demolition or any other operation which is a source of fugitive emissions, shall take reasonable precautions to prevent the release of air contaminants from the operation.	Condition No. 1.17 Facility-wide Inspections Condition No. 1.18 Complaint Response	Not applicable
Health, Welfare and Nuisance Standards				
1.10	*PSCAA Reg I: 9.11 (3/11/99) (State Only)* WAC 173-400-040(5) (9/20/93) *Once EPA deletes the 9/20/93 version of the WAC from the PSCAA SIP, only Reg. I, Section 9.11 will apply*	Shall not cause or allow the emission of any air contaminant in sufficient quantities and of such characteristics and duration as is, or is likely to be, injurious to human health, plant or animal life, or property, or which unreasonably interferes with enjoyment of life and property	Condition No. 1.17 Facility-wide Inspections Condition No. 1.18 Complaint Response	Not applicable

Reqmt No.	Enforceable Requirement	Requirement Paraphrase (Information Only)	Compliance Method	Reference Test Method (See Section 7)
1.11	WAC 173-400-040(5) *(4/1/11, State Only)*	Shall use recognized good practice and procedures to reduce to a reasonable minimum odors which may unreasonably interfere with any other property owners' use and enjoyment of their property.	Condition No. 1.17 Facility-wide Inspections Condition No. 1.18 Complaint Response	Not applicable
1.12	*WAC 173-400-040(3) (4/1/11, State Only)*	Shall not deposit particulate matter beyond the property boundary in sufficient quantity to interfere unreasonably with the use and enjoyment of the property	Condition No. 1.17 Facility-wide Inspections Condition No. 1.18 Complaint Response	Not applicable
SO_2 Standard				
1.13	PSCAA Reg I: 9.07 (4/14/94) WAC 173-400-040(6), first paragraph only (9/20/93) *Once EPA deletes the 9/20/93 version of the WAC from the PSCAA SIP, only Reg. I, Section 9.07 will apply*	Shall not emit SO_2 in excess of 1,000 ppmv (dry), 1-hour average (corrected to 7% O_2 for fuel burning equipment)	No monitoring required	EPA Method 6C
Hydrochloric Acid Standard				
1.14	*PSCAA Reg. I: 9.10(a) (6/9/98) (State Only)*	Shall not emit hydrochloric acid in excess of 100 ppm (dry), 1-hour average corrected to 7% O_2 for combustion sources	No monitoring required	EPA Method 26 or 26A
Operations and Maintenance Standards				
1.15	PSCAA Reg. I: 9.20(b) (6/9/88)	Shall maintain equipment as defined in Regulation I, Section 1.07 or control equipment not subject to PSCAA Reg I Article 6 in good working order	Condition No. 1.17 Facility-wide Inspections Condition Nos. 1.20 – 1.21 O&M Plan Requirements	Not applicable
1.16	PSCAA Reg I: 7.09(b) (9/10/98) *(12/15/16) (State Only)*	Shall develop and implement an O & M Plan to assure continuous compliance with Puget Sound Clean Air Agency Regulations I, II and III. The plan shall reflect good industrial practice. It shall include the elements described in Reg. I: 7.09(b). Shall review the O&M Plan at least annually and update it as needed to reflect any changes in good industrial practice. The specific provisions of the O&M Plan shall not be deemed part of this permit.	Condition Nos. 1.20 – 1.21 O&M Plan Requirements	Not applicable

COMPLIANCE METHODS

Opacity Monitoring

1.17 At least once per calendar quarter, the permittee shall conduct inspections of the facility for visible emissions. Inspections are to be performed while the equipment is in operation during daylight hours. If visible emissions other than uncombined water are observed, the permittee shall initiate corrective action as soon as possible, but no later than 24 hours after the initial observation until there are no visible emissions or, alternatively, record the opacity using the reference test method or shut down the unit or activity until it can be repaired. The permittee shall keep records of the inspections, including date and time of inspection, the name or ID of the person conducting inspection, the results of the inspection, and any corrective action conducted.

Failure to implement one of the response actions described above within 24 hours of the initial observation shall be reported as a deviation under Condition 5.5.

[WAC 173-401-615(1)(b) and (3)(b)]

Facility-Wide Inspections

1.18 At least once per calendar quarter, the permittee shall conduct a facility-wide inspection, including the following:

a. Examine the general state of compliance with the general applicable requirements, including a check of records to determine if complaints had been received and responded to as specified in Condition 1.18;

b. Inspect the facility for odor bearing contaminants and emissions of any air contaminant in sufficient quantities and of such characteristics and duration as is, or is likely to be, injurious to human health, plant or animal life, or property, or which unreasonably interfere with enjoyment of life and property;

c. Examine compliance with the indoor spray coating requirements in Regulation I, Section 9.16(c);

d. Inspect the facility for fugitive dust and track-out while conducting activities, such as construction, that are likely to generate fugitive dust or track-out; and

e. Evaluate the general effectiveness of the Operation & Maintenance (O&M) Plan.

Inspections of equipment and operations shall be conducted during daylight hours. The permittee shall initiate corrective action for any problems identified by these inspections as soon as possible, but no later than within 24 hours of identification or shut down the unit or activity until the problem can be corrected. The permittee shall keep records of the inspections, including date and time of inspection, the name or ID of the person conducting inspection, the results of the inspection, any corrective action conducted, and whether complaints had been received.

Failure to implement one of the response actions described above within 24 hours of the initial observation shall be reported as a deviation under Condition 5.5.

[WAC 173-401-615(1)(b) and (3)(b)]

Complaint Response

1.19 The permittee shall record and investigate air pollution complaints as soon as possible, but no later than three days after receipt. The permittee shall identify complaints regarding these emissions as follows:

a. Any emissions that are, or likely to be, injurious to human health, plant or animal life, or property, or which unreasonably interfere with enjoyment of life and property; or

b. Any emissions from fallout; or

c. Any track-out onto paved roads open to the public; or

d. Any emissions of odor-bearing air contaminants; or

e. Other emissions.

The permittee shall investigate the complaint and determine if there was noncompliance with an applicable requirement of this permit. If it is determined to be noncompliance, the permittee shall initiate corrective action for the problem as soon as possible but no later than within 24 hours of determination or shut down the noncompliant operation until it is repaired or corrected. Failure to implement corrective action or else shut down the unit/activity within 24 hours of initial observation of noncompliance shall be reported as a deviation under Condition 5.5.

Records for all complaints received concerning odor, fugitive emissions or nuisance must contain the following information:

a. The date and time of the complaint,

b. The name of the person complaining, if known,

c. The nature of the complaint, and

d. The date, time and nature of any corrective action taken.

[WAC 173-401-615(1)(b)]

Maintenance and Repair of Insignificant Emission Units

1.20 The permittee shall use good industrial practices to maintain insignificant emission units and equipment not listed in this permit. For such equipment, the permittee shall also promptly repair defective equipment. Good industrial practices may include following the manufacturer's operations manual or an equipment operations schedule, minimizing emissions until the repairs can be completed and taking measures to prevent recurrence of the problem.

[WAC 173-401-615(1)(b)]

Operation and Maintenance (O&M) Plan Requirements

1.21 The permittee's O&M Plan shall include procedures specifying how the permittee will assure continuous compliance with Puget Sound Clean Air Agency Regulations I, II and III. For insignificant emission units, the O&M Plan shall refer to the requirements stated in Condition 1.19 of this permit. The plan shall reflect good industrial practice. In most instances, following the manufacturer's operations manual or equipment operational schedule, minimizing emissions until repairs can be completed and taking measures to

prevent a recurrence of the problem may be considered good industrial practice. Determination of whether good industrial practice is being used will be based on available information such as, but not limited to, monitoring results, opacity observations, review of operations and maintenance procedures, and inspections of the emission unit or equipment. The permittee shall use the results of the inspections required by of this permit in its annual review of the O&M Plan. The specific provisions of the O&M Plan, other than those required by this permit, shall not be deemed part of this permit.

1.22 The permittee shall document all inspections, tests and other actions required by the O&M Plan, including the name or ID of the person who conducted the inspection, tests or other actions; and the date and the results of the inspection, tests or other actions including corrective actions. The permittee shall maintain records of all inspections, tests, and other actions required by the O&M Plan on site and available for Puget Sound Clean Air Agency review.

[Puget Sound Clean Air Agency, Regulation I, Section 7.09(b)]

B. FACILITY-WIDE VOC and HAP EMISSION LIMITS

The requirements in Table 2 and the associated compliance methods apply facility-wide.

Table 2 Facility-wide VOC and HAP Emission Limits

Reqmt No.	Enforceable Requirement	Requirement Paraphrase (Information Only)	Compliance Method	Reference Test Method (See Section 7)
Facility-wide VOC and HAP emission limits				
1.23	Order of Approval No. 11587 Condition No. 1 (TBD) *Issue updated Order – issue date same as AOP*	Facility-wide emissions of VOCs as defined in 40 CFR 51.100 shall not exceed 383 tons during any consecutive 12-month period.	Condition Nos. 1.26 - 1.28 Monthly VOC Calculations	Not applicable
1.24	Order of Approval No. 11587 Condition No. 2 (TBD) *Issue updated Order – issue date same as AOP*	Facility-wide emissions of HAPs shall not exceed 9.8 tons of any single HAP or 24.5 tons of total HAP combined during any consecutive 12-month period.	Condition Nos. 1.29 - 1.31 Monthly HAP Calculations	Not applicable
1.25	Order of Approval No. 11587 Condition No. 3 (TBD) *Issue updated Order – issue date same as AOP*	Acetone and other negligibly reactive compounds may be used as substitutes for HAPs and VOCs in topcoats, primers, gun wash thinners, and other products. Negligibly reactive compounds do not need to be counted when calculating VOC content of coatings	No monitoring required	Not applicable
1.26	Order of Approval No. 11587 Condition No. 8 (TBD) *Issue updated Order – issue date same as AOP*	The permittee shall not consume more than 421 million standard cubic feet of natural gas per year.	1.32 Fuel Combustion Monitoring Plan	Not applicable

COMPLIANCE METHODS

Monthly VOC Calculations

1.27 The permittee shall track the usage and volatile organic compound (VOC) content of all VOC-containing materials used in the manufacturing process at the facility that contribute to VOC emissions. Monthly purchase records can be used as a surrogate for monthly usage.

[PSCAA Order No. 11587, Condition 4, (TBD)]

1.28 No later than 60 days after the end of each month, the permittee shall calculate and record monthly emissions and emissions over the previous consecutive 12-month period of total VOC. The owner or operator may choose to subtract the amount of VOC due to disposal or recycling of material off-site if records are maintained to technically justify the calculation. Acceptable records include safety data sheets, product data sheets, invoices, shipping papers, sampling results, and hazardous waste manifests.

[PSCAA Order No. 11587, Condition 6, (TBD)]

1.29 The permittee shall notify the Puget Sound Clean Air Agency in writing, as specified in Condition 5.9, within 60 days after the end of each 12-month period if, during that period, emissions of total VOC exceed 345 tons. The report shall include emissions data for the time period for which these thresholds were exceeded.

[PSCAA Order No. 11587, Condition 11, (TBD)]

Monthly HAP Calculations

1.30 The permittee shall track the usage and hazardous air pollutant (HAP) content of all HAP-containing materials used in the manufacturing process at the facility that contribute to HAP emissions. Monthly purchase records can be used as a surrogate for monthly usage.

[PSCAA Order No. 11587, Condition 5, (TBD)]

1.31 No later than 60 days after the end of each month, the permittee shall calculate and record monthly emissions and emissions over the previous consecutive 12-month period of each individual HAP and total HAP. The owner or operator may choose to subtract the amount of HAP due to disposal or recycling of material off-site if records are maintained to technically justify the calculation. Acceptable records include safety data sheets, product data sheets, invoices, shipping papers, sampling results, and hazardous waste manifests.

[PSCAA Order No. 11587, Condition 6, (TBD)]

1.32 The permittee shall notify the Puget Sound Clean Air Agency in writing, as specified in Condition 5.9, within 60 days after the end of each 12-month period if, during that period, emissions of any single HAP exceed 9.0 tons or emissions of total HAP exceed 22.5 tons. The report shall include emissions data for the time period for which these thresholds were exceeded.

[PSCAA Order No. 11587, Condition 11, (TBD)]

Fuel Combustion Monitoring Plan

1.33 The permittee shall monitor and record natural gas usage on a monthly basis, and make these records available to Agency personnel upon request.

[PSCAA Order No. 11587, Condition 9, (TBD)]

Section 2: Emission Unit Specific Applicable Requirements

The requirements in Section 2 apply only to the specific emission units or activities cited. However, the requirements in Section 1 also apply to these emission units and activities. If a requirement in Section 1 is repeated in this section, then the monitoring, maintenance, and recordkeeping method specified in this section supersedes the monitoring, maintenance, and recordkeeping method specified in Section 1.

The applicable requirement tables in Section 2 (Tables 3 through 11) list the citation for the "applicable requirement" and the adoption or effective date in the second column. All requirements are federally enforceable unless they are identified as "*State Only*".

The third column in the tables is a brief description of the applicable requirement and is not enforceable.

The fourth column identifies the "Compliance Method" which includes monitoring, recordkeeping and reporting obligations the permittee must conduct to comply with the permit. The compliance methods are listed in conditions below the applicable requirements tables. Following the compliance method is an enforceable requirement of this permit. Inclusion of these requirements is in accordance with WAC 173-401-605(1) and WAC 173-401-615(1) and (2). The "Reference Test Method" is listed in the fourth column if one applies. This is the test method to be used when a source test is required to determine compliance. In some cases where the applicable requirement does not cite a test method, one has been added. If a reference test method is not listed with the requirement, this means a test method is not applicable to the requirement. Reference Test Methods included in the permit are listed in Section 7 of the permit and include the applicable averaging period.

In the event of conflict or omission between the information contained in the fourth column of the tables and the actual statute or regulation cited in the third column, the requirements and language of the actual statute or regulation cited shall govern. For more information regarding any of the requirements cited in the second column, refer to the actual requirements cited.

Emission units and activities in place at the time of permit issuance are listed below. These do not include insignificant emission units (See Section 9 of this permit). The applicable requirements that apply to these emission units are included in Section 2.B. The process description includes the location of the emission units at time of permit issuance, but emission unit may be relocated throughout the site without modifying the operating permit. However, new source review requirements may apply if equipment is modified or reconstruction or for the replacement or substantial alteration of control equipment (see Section 4 of this permit).

Summary of Emission Units

Emission Unit	Name	Description
EU-1	Assembly Operations; Highway and Off-Highway Trucks	This emission unit consists of activities associated with assembling the trucks and some of their components. Assembly operations currently take place inside Buildings 1 and 6. The assembly operations may include the use of materials such as lubricants, glues, adhesives, greases, sealants, and solvents - both hand and spray applied with aerosol cans. Ventilation hoods with no air pollution controls may be included in these areas for worker safety and comfort but these are insignificant emission units.
EU-2	Materials Work	This emission unit consists of activities associated with truck component fabrication in Building 1. Motor vehicle and mobile equipment coating operations, including spray coating, are not included under this emission unit. Materials used to aid fabrication may include lubricants, coolants, greases, adhesives, and cleaners. This emission unit includes welding equipment and welding dust collectors that recirculate filtered air back into the factory. There is also one welding fume collector located in the Off-Highway area that is vented to the outside. Parts cleaners using a low VOC product operate within this emission unit and are considered insignificant emissions units.
EU-3	Surface Prep: Truck Components	This emission unit consists of activities associated with preparing truck components for coating operations. Motor vehicle and mobile equipment coating operations, including spray coating, are not included under this emission unit. Activities currently are located in Building 1. Activities in surface preparation include assembly, joining, filling, grinding, sanding, and washing and sealing. The Cab Washer and Cab Washer Dry-off oven are insignificant emission units. This emission unit includes: • Two Prep Booths and a Vacuum System with Dust Collection; • Chassis Dry Filter Prep Booth and Prep Seal and Wash Booth (dry filter on prep seal part of booth); • Bump and Grind Prep Booth (Dry Filter); • Sand and Repair Prep Booth (Dry Filter); and • Cab Prime Sand/Prep Booth (Dry Filter).
EU-4	Coating Operations: Truck Components & Chassis	This emission unit includes cleaning and surface coating activities of truck components. Currently, it is located in Building 1 and includes cleaning and surface coating of truck chassis. This emission unit includes: • One Truck Chassis Dry Filter Paint Booth with Paint Drying Oven.
EU-5	Coating Operations: Truck Components	This emission unit includes cleaning and surface coating activities of truck components. Currently, it is located in Building 1 and includes cleaning and surface coating of truck components such as doors, fenders, hoods, wheels, bumpers, cabs, sleepers and integrated units. The emission unit includes: • Three water wash paint booths, • One dry filter paint booth, • Two paint drying ovens; and • One paint flash tunnel.

Emission Unit	Name	Description
EU-6	Coating Operations: Highway and Off-Highway Trucks And Touch-Up	This emission unit includes cleaning and surface coating activities of highway and off-highway completed trucks and truck components. Currently, it is located in Building 1 and covers painting and touch-up which includes activities such as stripping, filling, surface preparation, cleaning and surface coating of trucks, and touching up of completed highway and off-highway trucks. The emission unit includes two dry filter paint booths, one of which can also function as a drying oven.
EU-7	Coating Mix/Solvent System	This emission unit includes the storage, thinning, tinting, and packaging of coating materials for application on truck components, completed trucks and other maintenance coating needs, as well as the solvent and activator storage and distribution systems. The paint mix room is located in Building 1 and includes ventilation with no pollution control equipment. Solvent is delivered by piping system from the storage tank in Building 2 to the paint mix room in Building 1, then distributed to each of the coating operations emission units. At each solvent delivery station, used solvent is collected and piped to the waste solvent tank located in Building 2. In Building 2, in the waste processing area, clean solvent is reclaimed from the waste stream and reused. Paint components and activator are received in various size containers up to bulk storage totes and are transferred to use containers and storage tanks of variable size, then distributed to each of the coating operations emission units.
EU-8	Boilers and Heaters	This emission unit includes all air, water, steam and other medium heaters that are fueled by natural gas and are larger than applicable size thresholds making them significant sources. This includes makeup air unit (MAUs) and air supply houses (ASHs) larger than 5 MMBtu/hr. Currently, natural gas is the primary fuel; however, other petroleum-based fuels may be used including propane, butane, and liquid natural gas.
EU-9	Emergency Reciprocating Internal Combustion Engines	This emission unit includes equipment that is necessary for emergency situations and includes an existing 380 HP emergency electrical generator and an existing 235 HP fire pump. Both engines installed prior to 1994. Currently, diesel is the primary fuel; however, other alternative fuels may be used.

A. Facility-wide Surface Coating Operations

The requirements in Table 3 and the associated compliance methods apply facility-wide to surface coating operations.

Table 3 Applicable Requirements Related to Facility-wide Surface Coating Operations

Reqmt No.	Rule Reference	Requirement Paraphrase (Information Only)	Compliance Method
General Requirements for Indoor Spray Coating Operations			
2.1	PSCAA Reg. I, 9.16(b) (7/12/01) (*10/28/10*, *State Only)*	The following activities are exempt from the provisions of Reg I: 9.16(c) in Condition 2.2. Persons claiming any of the exemptions shall have the burden of demonstrating compliance: (1) Application of architectural or maintenance coatings to stationary structures. (2) Aerospace coating operations subject to 40 CFR Part 63 Subpart GG, including all activities and materials listed in 40 CFR 63.741(f). (3) Use of HVLP guns in certain situations described in Reg I: 9.16(b)(3)(A) through (E). (4) Use of air brush spray equipment with 0.5 to 2.0 CFM airflow and 2 fluid ounce or less cup capacity. (5) Use of hand-held aerosol spray cans with 1 quart or less capacity. (6) Indoor application of automotive undercoating materials using organic solvents with flash points in excess of 100F.	No monitoring required
2.2	PSCAA Reg. I, 9.16(c) (7/12/01) (*10/28/10*, *State Only)*	Unlawful to allow spray-coating inside a structure, or spray-coating of any motor vehicles or components, unless the spray-coating is conducted inside an enclosed spray area employing paint arresters or water-wash curtains to control overspray. All emissions shall be vented through an unobstructed vertical exhaust vent.	Condition No. 1.17 Facility-wide Inspections
VOC Content Limits for Motor Vehicle and Mobile Equipment Coating Operations			
2.3	Order of Approval 11587, Condition 7 (TBD) *Issue updated Order – issue date same as AOP*	Shall not apply coatings with a VOC content (excluding water and negligibly reactive compounds) which exceed the following limits: (a) Topcoat Paints: 3.5 lb/gal (b) Primers: 3.5 lb/gal (c) Specialty Coatings: 7.0 lb/gal. The above VOC coating limits do not apply to coatings applied with hand-held aerosol spray cans with one quart or less capacity or with air brush spray equipment with 0.5 to 2.0 CFM airflow and 2 fluid ounce or less cup capacity.	Condition No. 2.7 Chemical Procurement Information Sheet (CPIS) System Reference Test Method: EPA Method 24

<table>
<tr><th>Reqmt No.</th><th>Rule Reference</th><th>Requirement Paraphrase (Information Only)</th><th>Compliance Method</th></tr>
<tr><td>2.4</td><td>PSCAA Reg. II, 3.04(a) (7/24/03)</td><td>It shall be unlawful for original equipment manufacturers to apply any coating with a VOC content in excess of the following limits to motorized vehicles, their parts and components, or equipment designed to be pulled by motorized vehicles:
<table><tr><th rowspan="2">Type of Coating</th><th colspan="2">VOC Content (excluding water)</th></tr><tr><th>Grams/Liter</th><th>(Lbs/Gal)</th></tr><tr><td>Pretreatment Wash Primer</td><td>780</td><td>(6.5)</td></tr><tr><td>Precoat</td><td>780</td><td>(6.5)</td></tr><tr><td>Primer/Primer Surfacer</td><td>720</td><td>(6.0)</td></tr><tr><td>Primer Sealer</td><td>720</td><td>(6.0)</td></tr><tr><td>Topcoat</td><td>720</td><td>(6.0)</td></tr><tr><td>Metallic/Iridescent Topcoat</td><td>720</td><td>(6.0)</td></tr></table></td><td>Condition No. 2.7 Chemical Procurement Information Sheet (CPIS) System

Condition No. 2.8 Specialty Coating Tracking

Reference Test Method: EPA Method 24</td></tr>
<tr><td>2.5</td><td>PSCAA Reg. II, 3.04(b) (7/24/03)</td><td>It shall be unlawful to apply any specialty coating with a VOC content in excess of 840 grams/liter (7.0 lb/gal), excluding water. Use of all specialty coatings except antiglare/safety coatings shall not exceed 5.0% of all coatings applied on a monthly basis. Specialty coatings are coatings that are necessary due to unusual job performance requirements and whose VOC content exceeds 630 grams/liter.</td><td>Condition No. 2.7 Chemical Procurement Information Sheet (CPIS) System

Condition No. 2.8 Specialty Coating Tracking

Reference Test Method: EPA Method 24</td></tr>
<tr><td>2.6</td><td>PSCAA Reg. II, 3.04(c) (7/24/03)</td><td>VOC content of each regulated coating must be available to Agency personnel upon request.</td><td>Condition No. 2.7 Chemical Procurement Information Sheet (CPIS) System

Condition No. 2.8 Specialty Coating Tracking

Reference Test Method: EPA Method 24</td></tr>
</table>

Compliance Methods for General Surface Coating Operations

Chemical Procurement Information Sheet (CPIS) System

2.7 The permittee shall screen each material purchased for use at the facility using the CPIS system. The permittee shall review the manufacturer's supplied information, such as the Safety Data Sheet or Product Data Sheet, for each material prior to receiving the material on-site to determine the legality of the VOC-content for the product use and its impact on the overall site HAP and VOC emissions. For coatings that are activated via a plural component paint mix system prior to the spray gun, the permittee shall obtain an annual certification from the vendor that all the formulations supplied to the facility supplied meet the following limits:

a. For non-specialty coatings unless applied with hand-held aerosol spray cans with one quart or less capacity or with air brush spray equipment with 0.5 to 2.0 CFM airflow and 2 fluid ounce or less cup capacity: 3.5 pounds per gallon;

b. For primer, primer surfacer, primer sealer, topcoat or metallic iridescent topcoat applied with hand-held aerosol spray cans with one quart or less capacity or with air brush spray equipment with 0.5 to 2.0 CFM airflow and 2 fluid ounce or less cup capacity: 6.0 pounds per gallon;

c. For pretreatment wash primer or precoat applied with hand-held aerosol spray cans with one quart or less capacity or with air brush spray equipment with 0.5 to 2.0 CFM airflow and 2 fluid ounce or less cup capacity: 6.0 pounds per gallon; and

d. For specialty coatings defined as coatings necessary due to unusual job performance requirements and whose VOC content exceeds 5.25 pounds per gallon: 7.0 pounds of VOC per gallon.

The permittee shall maintain CPIS System records for each material including the VOC content and applicable VOC limit. Records shall be reviewed on a monthly basis, as signed and dated by a Kenworth employee. All records shall be made available for inspection by Agency staff upon request.

[WAC 173-401-615(1)(b)]

Specialty Coating Tracking

2.8 The permittee shall record on a monthly basis the volume and VOC content of the specialty coatings applied at the facility. Within 60 days after the end of each calendar month that specialty coatings were used, with the exception of antiglare/safety coatings, the permittee shall calculate the specialty coating usage as a percentage of total coating usage for each month that it was used.

[WAC 173-401-615(1)(b)]

B. Area Specific Surface Coating Operations

1. Emission Unit No. 1: Assembly Operations: Highway and Off-Highway Trucks

The requirements in Table 4 apply to Emission Unit No. 1. This emission unit consists of activities associated with assembling the trucks and some of their components. Assembly operations currently take place inside Buildings 1 and 6. Emission units may be relocated throughout the site without modifying the operating permit. However, new source review requirements may apply if equipment is modified or reconstructed, or for the replacement or substantial alteration of control equipment (see Section 4 of this permit). The assembly operations may include the use of materials such as lubricants, glues, adhesives, greases, sealants, and solvents - both hand and spray applied with aerosol cans. Ventilation hoods with no air pollution controls may be included in these areas for worker safety and comfort but these are insignificant emission units.

Motor vehicle and mobile equipment coating operations, including spray coating, are subject to the requirements in Table 3.

Table 4 Applicable Requirements Related to Assembly Operations: Highway and Off-Highway Trucks

Reqmt No.	Rule Reference	Requirement Paraphrase (Information Only)	Compliance Method
2.9	PSCAA Reg. II, 3.04(d) (7/24/03)	VOC-containing material shall be applied to any motorized vehicles, their parts and components, or equipment designed to be pulled by motorized vehicles using one of the following methods: • High volume, low pressure (0.1 to 10 psig air pressure for atomization) spray equipment, • Electrostatic spray equipment, • Flow coat, • Dip coat, • Brush coat, • Hand-held aerosol cans, • Roll coat, or • Air brush.	Condition No. 2.37 Spray Coating Inspections
2.10	PSCAA Reg. II, 3.04(e) (7/24/03)	Any VOC-containing material used for the cleanup of spray equipment, including paint lines, shall be contained and collected in closed containers.	Condition No. 2.38 Work Practice Monitoring Condition No. 2.39 Spray Coating Training Program
2.11	PSCAA Reg. II, 3.04(f) (7/24/03)	Closed containers shall be used for storage or disposal of VOC-containing materials. Such containers and tanks shall be kept closed except when being cleaned or when materials are being added, mixed, or removed. Closed containers for solvent rag or paper disposal are required. Empty containers as defined in WAC 173-303-160 are exempt	Condition No. 2.38 Work Practice Monitoring Condition No. 2.39 Spray Coating Training Program
2.12	PSCAA Reg I: 9.20 (6/9/88) RCW 70.94.152(7) *1996 (State Only)*	All equipment must be maintained in good working order.	Condition No. 1.17 Facility-wide Inspections Condition Nos. 1.20 – 1.21 O&M Plan Requirements Condition No. 2.37 Spray Coating Inspections

2. Emission Unit No. 2: Materials Work

The requirements in Table 5 apply to Emission Unit No. 2. This emission unit consists of activities associated with truck component fabrication in Building 1. Motor vehicle and mobile equipment coating operations, including spray coating, are not currently included under this emission unit. Emission units may be relocated throughout the site without modifying the operating permit. However, new source review requirements may apply if equipment is modified or reconstructed, or for the replacement or substantial alteration of control equipment (see Section 4 of this permit) and approved motor vehicle and mobile equipment coating operations, including spray coating, would be subject to the requirements in Table 3. Materials used to aid fabrication may include lubricants, coolants, greases, adhesives, and cleaners. This emission unit includes welding equipment and welding dust collectors that recirculate filtered air back into the factory. There is also one welding fume collector located in the Off-Highway area that is vented to the outside. Parts cleaners using a low VOC product operate within this emission unit and are considered insignificant emissions units.

Table 5 Applicable Requirements Related to Material Work

Reqmt No.	Rule Reference	Requirement Paraphrase (Information Only)	Compliance Method
Motor Vehicle and Mobile Equipment Coating Operations			
2.13	PSCAA Reg. II, 3.04(e) (7/24/03)	Any VOC-containing material used for the cleanup of spray equipment, including paint lines, shall be contained and collected in closed containers.	Condition No. 2.38 Work Practice Monitoring Condition No. 2.39 Spray Coating Training Program
2.14	PSCAA Reg. II, 3.04(f) (7/24/03)	Closed containers shall be used for storage or disposal of VOC-containing materials. Such containers and tanks shall be kept closed except when being cleaned or when materials are being added, mixed, or removed. Closed containers for solvent rag or paper disposal are required. Empty containers as defined in WAC 173-303-160 are exempt	Condition No. 2.38 Work Practice Monitoring Condition No. 2.39 Spray Coating Training Program
2.15	PSCAA Reg I: 9.09 (4/9/98)	Shall not emit particulate matter in excess of 0.05 gr/dscf from equipment used in a manufacturing process	Condition No 2.40 Dust Collector Inspections
2.16	PSCAA Reg I: 9.20 (6/9/88) RCW 70.94.152(7) *1996 (State Only)*	All equipment must be maintained in good working order.	Condition No. 1.17 Facility-wide Inspections Condition Nos. 1.20 – 1.21 O&M Plan Requirements

3. Emission Unit No. 3: Surface Preparation: Truck Components

The requirements in Table 6 apply to Emission Unit No. 3. This emission unit consists of activities associated with preparing truck components for coating operations. Motor vehicle and mobile equipment coating operations, including spray coating, are not currently included under this emission unit. Activities currently are located in Building 1. Emission units may be relocated throughout the site without modifying the operating permit. However, new source review requirements may apply if equipment is modified or reconstructed, or for the replacement or substantial alteration of control equipment (see Section 4 of this permit) and approved motor vehicle and mobile equipment coating operations, including spray coating, would be subject to the requirements in Table 3. Activities in surface preparation include assembly, joining, filling, grinding, sanding, and washing and sealing. The Cab Washer and Cab Washer Dry-off oven are insignificant emission units. This emission unit includes:

- Two Prep Booths and a Vacuum System with Dust Collection;
- Chassis Dry Filter Prep Booth and Prep Seal and Wash Booth (dry filter on prep seal part of booth);
- Bump and Grind Prep Booth (Dry Filter);
- Sand and Repair Prep Booth (Dry Filter); and
- Cab Prime Sand/Prep Booth (Dry Filter).

Table 6 Applicable Requirements Related to Surface Preparation

Reqmt No.	Rule Reference	Requirement Paraphrase (Information Only)	Compliance Method
Motor Vehicle and Mobile Equipment Coating Operations			
2.17	PSCAA Reg. II, 3.04(e) (7/24/03)	Any VOC-containing material used for the cleanup of spray equipment, including paint lines, shall be contained and collected in closed containers.	Condition No. 2.38 Work Practice Monitoring Condition No. 2.39 Spray Coating Training Program
2.18	PSCAA Reg. II, 3.04(f) (7/24/03)	Closed containers shall be used for storage or disposal of VOC-containing materials. Such containers and tanks shall be kept closed except when being cleaned or when materials are being added, mixed, or removed. Closed containers for solvent rag or paper disposal are required. Empty containers as defined in WAC 173-303-160 are exempt	Condition No. 2.38 Work Practice Monitoring Condition No. 2.39 Spray Coating Training Program
2.19	PSCAA Reg I: 9.09 (4/9/98)	Shall not emit particulate matter in excess of 0.05 gr/dscf from equipment used in a manufacturing process	Condition No 2.40 Dust Collector Inspections
2.20	PSCAA Reg I: 9.20 (6/9/88) RCW 70.94.152(7) *1996 (State Only)*	All equipment must be maintained in good working order.	Condition No. 1.17 Facility-wide Inspections Condition Nos. 1.20 – 1.21 O&M Plan Requirements

4. Emission Unit No. 4: Coating Operations: Truck Components & Chassis

The requirements in Table 7 apply to Emission Unit No. 4. This emission unit includes cleaning and surface coating activities of truck components. Currently, it is located in Building 1 and includes cleaning and surface coating of truck chassis. Emission units may be relocated throughout the site without modifying the operating permit. However, new source review requirements may apply if equipment is modified or reconstructed, or for the replacement or substantial alteration of control equipment (see Section 4 of this permit). This emission unit includes:

- One Truck Chassis Dry Filter Paint Booth with Paint Drying Oven.

Motor vehicle and mobile equipment coating operations, including spray coating, are subject to the requirements in Table 3.

The paint solvent system delivers solvent to this emission unit area for cleaning purposes; however, it is included in its own emission unit, EU-7.

Table 7 Applicable Requirements Related to Coating Operations: Truck Components & Chassis

Reqmt No.	Rule Reference	Requirement Paraphrase (Information Only)	Compliance Method
2.21	PSCAA Reg. II, 3.04(d) (7/24/03)	VOC-containing material shall be applied to any motorized vehicles, their parts and components, or equipment designed to be pulled by motorized vehicles using one of the following methods: • High volume, low pressure (0.1 to 10 psig air pressure for atomization) spray equipment, • Electrostatic spray equipment, • Flow coat, • Dip coat, • Brush coat, • Hand-held aerosol cans, • Roll coat, or • Air brush.	Condition No. 2.37 Spray Coating Inspections
2.22	PSCAA Reg. II, 3.04(e) (7/24/03)	Any VOC-containing material used for the cleanup of spray equipment, including paint lines, shall be contained and collected in closed containers.	Condition No. 2.38 Work Practice Monitoring Condition No. 2.39 Spray Coating Training Program
2.23	PSCAA Reg. II, 3.04(f) (7/24/03)	Closed containers shall be used for storage or disposal of VOC-containing materials. Such containers and tanks shall be kept closed except when being cleaned or when materials are being added, mixed, or removed. Closed containers for solvent rag or paper disposal are required. Empty containers as defined in WAC 173-303-160 are exempt	Condition No. 2.38 Work Practice Monitoring Condition No. 2.39 Spray Coating Training Program
2.24	PSCAA Reg I: 9.20 (6/9/88) RCW 70.94.152(7) *1996 (State Only)*	All equipment must be maintained in good working order.	Condition No. 1.17 Facility-wide Inspections Condition Nos. 1.20 – 1.21 O&M Plan Requirements Condition No. 2.37 Spray Coating Inspections

5. Emission Unit No. 5: Coating Operations: Truck Components

The requirements in Table 8 apply to Emission Unit No. 5. This emission unit includes cleaning and surface coating activities of truck components. Currently, it is located in Building 1 and includes cleaning and surface coating of truck components such as doors, fenders, hoods, wheels, bumpers, cabs, sleepers and integrated units. Emission units may be relocated throughout the site without modifying the operating permit. However, new source review requirements may apply if equipment is modified or reconstructed, or for the replacement or substantial alteration of control equipment (see Section 4 of this permit). The emission unit includes:

- Three water wash paint booths,
- One dry filter paint booth,
- Two paint drying ovens; and
- One paint flash tunnel.

Motor vehicle and mobile equipment coating operations, including spray coating, are subject to the requirements in Table 3.

The paint solvent system delivers solvent to this emission unit area for cleaning purposes; however, it is included in its own emission unit (EU-7).

Table 8 Applicable Requirements Related to Coating Operations: Truck Components

Reqmt No.	Rule Reference	Requirement Paraphrase (Information Only)	Compliance Method
2.25	PSCAA Reg. II, 3.04(d) (7/24/03)	VOC-containing material shall be applied to any motorized vehicles, their parts and components, or equipment designed to be pulled by motorized vehicles using one of the following methods: • High volume, low pressure (0.1 to 10 psig air pressure for atomization) spray equipment, • Electrostatic spray equipment, • Flow coat, • Dip coat, • Brush coat, • Hand-held aerosol cans, • Roll coat, or • Air brush.	Condition No. 2.37 Spray Coating Inspections
2.26	PSCAA Reg. II, 3.04(e) (7/24/03)	Any VOC-containing material used for the cleanup of spray equipment, including paint lines, shall be contained and collected in closed containers.	Condition No. 2.38 Work Practice Monitoring Condition No. 2.39 Spray Coating Training Program
2.27	PSCAA Reg. II, 3.04(f) (7/24/03)	Closed containers shall be used for storage or disposal of VOC-containing materials. Such containers and tanks shall be kept closed except when being cleaned or when materials are being added, mixed, or removed. Closed containers for solvent rag or paper disposal are required. Empty containers as defined in WAC 173-303-160 are exempt	Condition No. 2.38 Work Practice Monitoring Condition No. 2.39 Spray Coating Training Program

Reqmt No.	Rule Reference	Requirement Paraphrase (Information Only)	Compliance Method
2.28	PSCAA Reg I: 9.20 (6/9/88) RCW 70.94.152(7) *1996 (State Only)*	All equipment must be maintained in good working order.	Condition No. 1.17 Facility-wide Inspections Condition Nos. 1.20 – 1.21 O&M Plan Requirements Condition No. 2.37 Spray Coating Inspections

6. Emission Unit No. 6: Coating Operations: Highway and Off-Highway Trucks and Touch-up

The requirements in Table 9 apply to Emission Unit No. 6. This emission unit includes cleaning and surface coating activities of highway and off-highway completed trucks and truck components. Currently, it is located in Building 1 and covers painting and touch-up which includes activities such as stripping, filling, surface preparation, cleaning and surface coating of trucks, and touching up of completed highway and off-highway trucks. Emission units may be relocated throughout the site without modifying the operating permit. However, new source review requirements may apply if equipment is modified or reconstructed, or for the replacement or substantial alteration of control equipment (see Section 4 of this permit). The emission unit includes:

- Two dry filter paint booths, one of which can also function as a drying oven.

Motor vehicle and mobile equipment coating operations, including spray coating, are subject to the requirements in Table 3. The paint solvent system delivers solvent to this emission unit area for cleaning purposes; however, it is included in its own emission unit, EU-7.

Table 9 Applicable Requirements Related to Coating Operations: Highway and Off-Highway Trucks and Touch-up

Reqmt No.	Rule Reference	Requirement Paraphrase (Information Only)	Compliance Method
2.29	PSCAA Reg. II, 3.04(d) (7/24/03)	VOC-containing material shall be applied to any motorized vehicles, their parts and components, or equipment designed to be pulled by motorized vehicles using one of the following methods: • High volume, low pressure (0.1 to 10 psig air pressure for atomization) spray equipment, • Electrostatic spray equipment, • Flow coat, • Dip coat, • Brush coat, • Hand-held aerosol cans, • Roll coat, or • Air brush.	Condition No. 2.37 Spray Coating Inspections
2.30	PSCAA Reg. II, 3.04(e) (7/24/03)	Any VOC-containing material used for the cleanup of spray equipment, including paint lines, shall be contained and collected in closed containers.	Condition No. 2.38 Work Practice Monitoring Condition No. 2.39 Spray Coating Training Program
2.31	PSCAA Reg. II, 3.04(f) (7/24/03)	Closed containers shall be used for storage or disposal of VOC-containing materials. Such containers and tanks shall be kept closed except when being cleaned or when materials are being added, mixed, or removed. Closed containers for solvent rag or paper disposal are required. Empty containers as defined in WAC 173-303-160 are exempt	Condition No. 2.38 Work Practice Monitoring Condition No. 2.39 Spray Coating Training Program
2.32	PSCAA Reg I: 9.20(a) (6/9/88) RCW 70.94.152(7) *1996 (State Only)*	All equipment must be maintained in good working order.	Condition No. 1.17 Facility-wide Inspections Condition Nos. 1.20 – 1.21 O&M Plan Requirements Condition No. 2.37 Spray Coating Inspections

7. Emission Unit No. 7: Coating Mix/Solvent System

The requirements in Table 10 apply to Emission Unit No. 7. This emission unit includes the storage, thinning, tinting, and packaging of coating materials for application on truck components, completed trucks and other maintenance coating needs, as well as the solvent and activator storage and distribution systems. The paint mix room is located in Building 1 and includes ventilation with no pollution control equipment. Solvent is delivered by piping system from the storage tank in Building 2 to the paint mix room in Building 1, then distributed to each of the coating operations emission units. At each solvent delivery station, used solvent is collected and piped to the waste solvent tank located in Building 2. In Building 2, in the waste processing area, clean solvent is reclaimed from the waste stream and reused. Paint components and activator are received in various size containers up to bulk storage totes and are transferred to use containers and storage tanks of variable size, then distributed to each of the coating operations emission units.

Motor vehicle and mobile equipment coating operations, including spray coating, are subject to the requirements in Table 3.

Table 10 Applicable Requirements Related to Coating Mix/Solvent System

Reqmt No.	Rule Reference	Requirement Paraphrase (Information Only)	Compliance Method
2.33	PSCAA Reg. II, 3.04(e) (7/24/03)	Any VOC-containing material used for the cleanup of spray equipment, including paint lines, shall be contained and collected in closed containers.	Condition No. 2.38 Work Practice Monitoring Condition No. 2.39 Spray Coating Training Program
2.34	PSCAA Reg. II, 3.04(f) (7/24/03)	Closed containers shall be used for storage or disposal of VOC-containing materials. Such containers and tanks shall be kept closed except when being cleaned or when materials are being added, mixed, or removed. Closed containers for solvent rag or paper disposal are required. Empty containers as defined in WAC 173-303-160 are exempt	Condition No. 2.38 Work Practice Monitoring Condition No. 2.39 Spray Coating Training Program
2.35	PSCAA Reg I: 9.20(a) (6/9/88) RCW 70.94.152(7) *1996 (State Only)*	All equipment must be maintained in good working order.	Condition No. 1.17 Facility-wide Inspections Condition Nos. 1.20 – 1.21 O&M Plan Requirements

Compliance Methods for Surface Coating and Cleaning Operations

Spray Coating Inspections

2.37 The permittee shall inspect the spray coating lines, booths and filter systems at least once each week that each booth operates for the following:

a. Check the primary dry filter system, where visible, for proper seating and complete coverage over the exhaust plenum;

b. For downdraft water filtration systems check for a complete water blanket and for side-draft water filtration systems check for a complete water curtain;

c. Check and record the pressure drop across the dry filter system and verify within acceptable limits. The acceptable limits shall be established using either manufacturer's recommendations, specification, or instruction, or shall be based on providing adequate air flow while maintaining filter integrity based on the specific design of the system; and

d. Evidence of abnormal odor or paint emissions.

The permittee shall initiate corrective action for any problems identified by these inspections as soon as possible but no later than 24 hours after identification or shut down the unit or activity until it can be repaired. The permittee shall keep records of the inspections, including date and time of inspection, the name or ID of the person conducting inspection, the results of the inspection, and any corrective action conducted. Failure to implement corrective action or else shut down the unit/activity within 24 hours of initial observation of noncompliance shall be reported as a deviation under Condition 5.5.

[WAC 173-401-615(1)(b)]

Work Practice Monitoring

2.38 At least once per calendar quarter, the permittee shall conduct a facility-wide inspection to verify that VOC-containing materials are stored and disposed of in closed containers. The permittee shall initiate corrective action for any problems identified by these inspections as soon as possible but no later than 1 hour after identification. The permittee shall keep records of the inspections, including date and time of inspection, the name or ID of the person conducting inspection, the results of the inspection, and any corrective action conducted. Failure to implement corrective action within 1 hour of initial observation of noncompliance shall be reported as a deviation under Condition 5.5.

[WAC 173-401-615(1)(b)]

Spray Coating Training Program

2.39 Employees conducting surface coating or cleaning activities shall be initially trained and annually refreshed on the following activities:

a. Proper operation of spray coating equipment;

b. Use of closed containers for storage and disposal of VOC-containing materials, including material used for equipment cleanup.

All training and refresher courses shall include an attendance record with signature of attendees and date of training. Failure to conduct training or maintain required records shall be reported as a deviation under Condition 5.5.

[WAC 173-401-615(1)(b)]

Dust Collector Inspections

2.40 At least once per calendar quarter, the permittee shall conduct an inspection of each dust collector or baghouse for visible emissions and evidence of visible dust or fallout. Inspections are to be performed while the equipment is in operation during daylight hours. If, during the scheduled inspection or at any other time, visible emissions other than uncombined water are observed, Kenworth shall, as soon as possible, but no later than within 24 hours of the initial observation, initiate corrective action until there are no visible emissions or, alternatively, record the opacity using the reference test method or shut down the unit or activity that is generating the emissions until the related dust collector can be repaired. The permittee shall keep records of the inspections, including date and time of inspection, the name or ID of the person conducting inspection, the results of the inspection, and any corrective action conducted. Failure to implement corrective action or else shut down the unit/activity within 24 hours of initial observation of noncompliance shall be reported as a deviation under Condition 5.5.

[WAC 173-401-615(1)(b)]

C. Combustion Equipment

1. Emission Unit No. 8: Gas Fueled Equipment

The requirements in Table 10 apply to Emission Unit No. 8. This emission unit includes all air, water, steam and other medium heaters that are fueled by natural gas and are larger than applicable size thresholds making them significant sources. This includes makeup air unit (MAUs) and air supply houses (ASHs) larger than 5 MMBtu/hr. Currently, natural gas is the primary fuel; however, other petroleum-based fuels may be used including propane, butane, and liquid natural gas.

Table 10 Applicable Requirements Related to Gas Fueled Equipment

Reqmt No.	Rule Reference	Requirement Paraphrase (Information Only)	Compliance Method
2.41	PSCAA Reg I: 9.03, except for 9.03(e) (3/11/99) *(3/25/04, State Only)* WAC 173-400-040(1)(a) & (b) (9/20/93) *Once EPA deletes the 9/20/93 version of the WAC from the PSCAA SIP, only the 3/25/04 version of Reg. I, Section 9.03 will apply.*	Shall not emit air contaminants which exhibit greater than 20% opacity for a period or periods aggregating more than 3 minutes in any hour	Condition No. 2.44 Gas Fueled Equipment Inspections
2.42	PSCAA Reg I: 9.09 (4/9/98)	Shall not emit particulate matter in excess of 0.05 gr/dscf corrected to 7% O_2 from fuel burning equipment	Condition No. 2.44 Gas Fueled Equipment Inspections
2.43	PSCAA Reg I: 9.20 (6/9/88) RCW 70.94.152(7) *1996 (State Only)*	All equipment must be maintained in good working order.	Condition No. 1.17 Facility-wide Inspections Condition Nos. 1.20 – 1.21 O&M Plan Requirements Condition No. 2.44 Gas Fueled Equipment Inspections

Compliance Method

Gas Fueled Equipment Inspections

2.44 At least once per calendar quarter, the permittee shall conduct an inspection of each unit larger than 5 MMBtu/hr that exhausts to the outside of the building for visible emissions. Inspections are to be performed while the equipment is in operation during daylight hours. If, during the scheduled inspection or at any other time, visible emissions other than uncombined water are observed, the permittee shall, as soon as possible, but no later than within 24 hours of the initial observation, initiate corrective action until there are no visible emissions or, alternatively, record the opacity using the reference test method or shut down the unit or activity that is generating the emissions until the related dust collector can be repaired. The permittee shall keep records of the inspections, including date and time of inspection, the name or ID of the person conducting inspection, the results of the inspection, and any corrective action conducted. Failure to implement corrective action or

else shut down the unit/activity within 24 hours of initial observation of noncompliance shall be reported as a deviation under Condition 5.5.

[WAC 173-401-615(1)(b)]

2. Emission Unit No. 9 – Emergency Engines

The requirements in Table 11 apply to Emission Unit No. 9. This emission unit includes equipment that is necessary for emergency situations and includes an existing 380 HP emergency electrical generator and an existing 235 HP fire pump. Both engines installed prior to 1994. Currently, diesel is the primary fuel; however, other alternative fuels may be used. NOTE: 40 CFR 63.6640(f)(2)(ii)&(iii) (1/30/13) have been vacated per Delaware v. EPA 785 F.3d 1 (D.C. Cir 2015). An emergency stationary RICE may not be operated for the purposes specified in 40 CFR 63.6640(f)(2)(ii)&(iii) (1/30/13) unless it meets the applicable requirements for a non-emergency engine.

Table 11 Applicable Requirements Related to Emergency Engines

Reqmt No.	Rule Reference	Requirement Paraphrase (Information Only)	Compliance Method
2.45	40 CFR 63.1(c)(1) (4/5/02) PSCAA Reg. III, Section 2.02 (4/23/15) (*State Only)* PSCAA Reg. I, Section 3.25 (9/22/16) (*State Only)*	The permittee shall comply with any relevant standards established under 40 CFR 63, Subparts A and ZZZZ.	No monitoring required
2.46	40 CFR 63.6595(c) (1/30/13) 40 CFR 63.4(a)(2) (4/5/02) PSCAA Reg. III, Section 2.02 (4/23/15) (*State Only)* PSCAA Reg. I, Section 3.25 (9/22/16) (*State Only)*	The permittee must meet the applicable notification requirements in 40 CFR 63.6645 and in 40 CFR 63, Subpart A.	No monitoring required
2.47	40 CFR 63.4(b) (4/5/02) PSCAA Reg. III, Section 2.02 (4/23/15) (*State Only)* PSCAA Reg. I, Section 3.25 (9/22/16) (*State Only)*	The permittee shall not operate any affected source in violation of the requirements of 40 CFR 63 and shall not build, erect, install, or use any article, machine, equipment, or process to conceal an emission that would otherwise constitute noncompliance with a relevant standard	No monitoring required
2.48	40 CFR 63.6603(a) (1/30/13) 40 CFR 63 Subpart ZZZZ Table 2d	For an existing emergency stationary compression ignition RICE located at an area source of HAP emissions, the permittee must comply with the requirements in Table 2d of the subpart: • Change oil and filter every 500 hours of operation, or annually, whichever comes first;	2.56 – 2.60 RICE Compliance Methods

Reqmt No.	Rule Reference	Requirement Paraphrase (Information Only)	Compliance Method
	(1/30/13) 40 CFR 63.6605(a) (1/30/13) 40 CFR 63.6625(i) (1/30/13) 40 CFR 63.4(a)(1) (4/5/02) PSCAA Reg. III, Section 2.02 (4/23/15) (*State Only)* PSCAA Reg. I, Section 3.25 (9/22/16) (*State Only)*	• Inspect air cleaner every 1,000 hours of operation or annually, whichever comes first, and replace as necessary; and • Inspect all hoses and belts every 500 hours of operation or annually, whichever comes first, and replace as necessary. The permittee has the option of utilizing an oil analysis program in order to extend the specified oil change requirement based on the procedures in 40 CFR 63.6625(j).	
2.49	40 CFR 63.6605(b) (1/30/13) 40 CFR 63.4(a)(1) (4/5/02) PSCAA Reg. III, Section 2.02 (4/23/15) (*State Only)* PSCAA Reg. I, Section 3.25 (9/22/16) (*State Only)*	At all times, the permittee must operate and maintain the existing stationary RICE 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 Agency 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.	2.56 – 2.60 RICE Compliance Methods
2.50	40 CFR 63.6625(e) (1/30/13) 40 CFR 63.4(a)(1) (4/5/02) PSCAA Reg. III, Section 2.02 (4/23/15) (*State Only)* PSCAA Reg. I, Section 3.25 (9/22/16) (*State Only)*	The permittee must operate and maintain the existing emergency stationary RICE according to the manufacturer's emission-related written instructions or develop its 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	2.56 – 2.60 RICE Compliance Methods
2.51	40 CFR 63.6625(f) (1/30/13) 40 CFR 63.4(a)(1) (4/5/02) PSCAA Reg. III, Section 2.02 (4/23/15) (*State Only)* PSCAA Reg. I, Section 3.25 (9/22/16) (*State Only)*	The permittee must install and operate a non-resettable hour meter	2.56 – 2.60 RICE Compliance Methods
2.52	40 CFR 63.6625(h)	The permittee must minimize the engine's time spent	2.56 – 2.60 RICE

Reqmt No.	Rule Reference	Requirement Paraphrase (Information Only)	Compliance Method
	(1/30/13) 40 CFR 63.4(a)(1) (4/5/02) PSCAA Reg. III, Section 2.02 (4/23/15) (*State Only)* PSCAA Reg. I, Section 3.25 (9/22/16) (*State Only)*	at idle during startup and minimize startup time to a period needed for appropriate and safe loading of the engine, not to exceed 30 minutes.	Compliance Methods
2.53	40 CFR 63.6640(f) (1/30/13) 40 CFR 63.4(a)(1) (4/5/20) PSCAA Reg. III, Section 2.02 (4/23/15) (*State Only)* PSCAA Reg. I, Section 3.25 (9/22/16) (*State Only)*	For an emergency stationary RICE, the permittee must operate the emergency stationary RICE according to the requirements in 40 CFR 63.6640(f)(1) through (4). In order for the engine to be considered an emergency stationary RICE under this subpart, any operation other than emergency operation, maintenance and testing, emergency demand response, and operation in non-emergency situations for 50 hours per year is prohibited. If you do not operate the engine according to these requirements, the engine will not be considered an emergency engine and must meet all requirements for non-emergency engines. There is no time limit on the use of emergency stationary RICE in emergency situations.	2.56 – 2.60 RICE Compliance Methods
2.54	40 CFR 63.9(j) (5/30/03) PSCAA Reg. III, Section 2.02 (4/23/15) (*State Only)* PSCAA Reg. I, Section 3.25 (9/22/16) (*State Only)*	Any change in information already provided under 40 CFR Part 63 shall be provided to the Agency in writing with 15 calendar days after the change.	No monitoring required
2.55	PSCAA Reg I: 9.08(a) (4/14/94) PSCAA Reg I: 9.08(a) *(3/25/04) (State Only)* RCW 70.94.610 *(1991) State only*	It shall be unlawful for any person to cause or allow combustion of oil that exceeds any of the following limits unless allowed by a PSCAA OA issued under Reg I: 6.07. All limits are the maximum allowed except flash point, which is the minimum allowed. *(Note: In the 3/25/04 version of Reg. I, 9.08(a), the reference to Reg I: 6.07 is changed to Article 6.)*: • Ash 0.1% • Sulfur, used oil 1.0% • Sulfur, fuel oil 2.00% • Lead 100 ppm • Arsenic 5 ppm	The fuel oil contract for delivery of oil burned in emergency generators shall specify fuel must meet the specifications listed.

Reqmt No.	Rule Reference	Requirement Paraphrase (Information Only)	Compliance Method
		• Cadmium 2 ppm • Chromium 10 ppm • Total halogens 1,000 ppm • PCBs 2 ppm • Flash point 100 °F	

RICE Compliance Methods

2.56 The permittee shall maintain the following records to demonstrate compliance with the requirement:

a. Records of maintenance conducted on each engine in order to demonstrate that it was operated and maintained according to the facility maintenance plan and requirements of the rule. 40 CFR 63.6655(e)

b. If the engine does not meet the standards applicable to non-emergency engines, records of the hours of operation of the engine that is recorded through the non-resettable hour meter. The permittee 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.

c. Records of the occurrence and duration of each malfunction of operation (*i.e.,* process equipment) or the air pollution control and monitoring equipment.

d. Records of actions taken during periods of malfunction to minimize emissions in accordance with §63.6605(b), including corrective actions to restore malfunctioning process and air pollution control and monitoring equipment to its normal or usual manner of operation.

[40 CFR 63.6655]

2.57 If the permittee chooses to utilize an oil analysis program in order to extend the specified oil change requirement, the oil analysis must be every 500 hours of operation, or annually, whichever comes first. The analysis program must at a minimum follow the requirements in 40 CFR 63.6625(j) for determining in an oil change is required. The permittee must maintain 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.

2.58 The Agency will determine compliance with design, equipment, work practice, or operational emission standards in the NESHAP by review of records, inspection of the source, and other procedures specified in the NESHAP. The Agency will make a finding concerning compliance with a non-opacity standard upon obtaining all the compliance information required by the standard.

[40 CFR 63.6(f)(2)(v) and (3)]

2.59 Records must be in a form suitable and readily available for expeditious review. Each record must be kept and readily accessible in hard copy or electronic format for at least 5 years following the date of each occurrence, measurement, maintenance, corrective action, report or record.

[40 CFR 63.6660]
[40 CFR 63.10(b)(1)]

2.60 The permittee must report each instance in which the operating limitation in Table 2.d that applied (Condition 2.48) was not met, each instance in which the requirements in Table 8 of 40 CFR Part 63, Subpart ZZZZ (Applicability of General Provisions) was not met, and any other deviation of the requirements in the NESHAP in accordance with the operating permit deviation reporting requirement in Condition 5.5.

[40 CFR 63.6640(b) and (e)]
[40 CFR 63.6650(f)]

[40 CFR 63.4(a)(2)]

Section 3: Standard Terms and Conditions

Duty to Comply

3.1 The permittee must comply with all conditions of this chapter 401 permit. Any permit noncompliance constitutes a violation of chapter 70.94 RCW and, for federally enforceable provisions, a violation of the FCAA. Such violations are grounds for enforcement action; for permit termination, revocation and reissuance, or modification; or for denial of a permit renewal application.

[WAC 173-401-620(2)(a)]

3.2 It shall be unlawful for any person to cause or allow the operation of any source subject to the requirements of WAC 173-401 without complying with the provisions of WAC 173-401 and any permit issued under its authority.

[PSCAA Reg I, Section 7.05]

Need to Halt or Reduce Activity not a Defense

3.3 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.

[WAC 173-401-620(2)(b)]

Permit Actions

3.4 This permit may be modified, revoked, reopened, and reissued, or terminated for cause. The filing of a request by the permittee for a permit modification, revocation and reissuance, or termination, or of a notification of planned changes or anticipated noncompliance does not stay any permit condition.

[WAC 173-401-620(2)(c)]

Property Rights

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

[WAC 173-401-620(2)(d)]

Duty to Provide Information

3.6 The permittee shall furnish to the Puget Sound Clean Air Agency, within a reasonable time, any information that the permitting authority may request in writing to determine whether cause exists for modifying, revoking and reissuing, or terminating the permit or to determine compliance with the permit. Upon request, the permittee shall also furnish to the Puget Sound Clean Air Agency copies of records required to be kept by the permit or, for information claimed to be confidential, the permittee may furnish such records directly to the Puget Sound Clean Air Agency along with a claim of confidentiality. Puget Sound Clean Air Agency shall maintain confidentiality of such information in accordance with RCW 70.94.205.

[WAC 173-401-620(2)(e)]

Permit Fees

3.7 The permittee shall pay fees as a condition of this permit in accordance with the Puget Sound Clean Air Agency's fee schedule in accordance with Puget Sound Clean Air Agency's Regulation I, Section 7.07. Failure to pay fees in a timely fashion shall subject the permittee to civil and criminal penalties as prescribed in chapter 70.94 RCW.

[WAC 173-401-620(2)(f) and PSCAA Regulation I, Section 7.07]

Emissions Trading

3.8 No permit revision shall be required, under any approved economic incentives, marketable permits, emissions trading, and other similar programs or processes for changes that are provided for in this permit.

[WAC 173-401-620(2)(g)]

Severability

3.9 If any provision of this permit is held to be invalid, all unaffected provisions of the permit shall remain in effect and be enforceable.

[WAC 173-401-620(2)(h)]

Permit Appeals

3.10 This permit or any conditions in it may be appealed only by filing an appeal with the pollution control hearings board and serving it on the Puget Sound Clean Air Agency within thirty days of receipt pursuant to RCW 43.21B.310. This provision for appeal in this section is separate from and additional to any federal rights to petition and review under §505(b) of the FCAA.

[WAC 173-401-620(2)(i)]

Permit Continuation

3.11 This permit and all terms and conditions contained therein, including any permit shield provided under WAC 173-401-640, shall not expire until the renewal permit has been issued or denied if a timely and complete application has been submitted. An application shield granted pursuant to WAC 173-401-705(2) shall remain in effect until the renewal permit has been issued or denied if a timely and complete application has been submitted.

[WAC 173-401-620(2)(j)]

Section 4: General Permitting Requirements

Permit Renewal

4.1 The permittee shall submit a timely and complete Title V permit renewal application to the Puget Sound Clean Air Agency no later than 180 days prior the expiration of this permit.

[WAC 173-401-710(1)]
[WAC 173-401-500(3)(d)]

Expired Permits

4.2 Permit expiration terminates the permittee's right to operate unless a timely and complete renewal application has been submitted consistent with Condition No. 4.1 of this permit and WAC 173-401-500. All terms and conditions of the permit shall remain in effect after the permit itself expires if a timely and complete permit application has been submitted.

[WAC 173-401-710(3)]

Revocation of Permits

4.3 The Puget Sound Clean Air Agency may revoke a permit only upon the request of the permittee or for cause. The Puget Sound Clean Air Agency shall provide at least thirty days written notice to the holder of a current operating permit prior to revocation of the permit or denial of a permit renewal application. Such notice shall include an explanation of the basis for the proposed action and afford the permittee/applicant an opportunity to meet with the Puget Sound Clean Air Agency prior to the authority's final decision. A revocation issued may be issued conditionally with a future effective date and may specify that the revocation will not take effect if the permittee satisfies the specified conditions before the effective date. Nothing in this condition shall limit the Puget Sound Clean Air Agency's authority to issue emergency orders.

[WAC 173-401-710(4)]

Reopening for Cause

4.4 This permit shall be reopened and revised under any of the circumstances described in WAC 173-401-730(1). Proceedings to reopen and issue a permit shall follow the same procedures as apply to initial permit issuance and shall affect only those parts of the permit for which cause to reopen exists. Such reopening shall be made as expeditiously as practicable.

[WAC 173-401-730]

Administrative Permit Amendments

4.5 The permittee may file for an administrative permit amendment in accordance with WAC 173-401-720(3). The permittee may implement the changes addressed in the request for an administrative request immediately upon submittal of the request. An “administrative permit amendment” is a permit revision that:

a. Corrects typographical errors;

b. Identifies a change in the name, address, or phone number of any person identified in the permit, or provides a similar minor administrative change at the source;

c. Requires more frequent monitoring or reporting by the permittee;

d. Allows for a change in ownership or operational control of a source where the Puget Sound Clean Air Agency determines that no other change in the permit is necessary, provided that a written agreement containing a specific date for transfer of permit responsibility, coverage, and liability between the current and new permittee has been submitted to the Puget Sound Clean Air Agency;

e. Incorporates into the permit the terms, conditions, and provisions from orders approving notice of construction applications processed under an EPA-approved program, provided that such a program meets procedural requirements substantially equivalent to the requirements of WAC 173-401-700, 173-401-725, and 173-401-800 that would be applicable to the change if it were subject to review as a permit modification, and compliance requirements substantially equivalent to those contained in WAC 173-401-600 through 173-401-650.

4.6 **Permit shield**. The Puget Sound Clean Air Agency shall, upon taking final action granting a request for an administrative permit amendment, allow coverage by the permit shield in WAC 173-401-640 for administrative permit amendments made pursuant to Condition 4.5(3).

[WAC 173-401-720]

Minor Permit Modifications

4.7 For minor permit modifications that meet the following criteria, the permittee shall submit an application as described in WAC 173-401-725(2)(b):

a. Do not violate any applicable requirement;

b. Do not involve significant changes to existing monitoring, reporting, or recordkeeping requirements in the permit;

c. Do not require or change a case-by-case determination of an emission limitation or other standard, or a source-specific determination for temporary sources of ambient impacts, or a visibility or increment analysis;

d. Do not seek to establish or change a permit term or condition for which there is no corresponding underlying applicable requirement and that the source has assumed to avoid and applicable requirement to which the source would otherwise be subject. Such terms and conditions include a federally enforceable emissions cap assumed to avoid classification as a modification under any provision of Title I of the FCAA and an alternative emissions limit approved pursuant to regulations promulgated under section 112(i)(5) of the FCAA; and

e. Are not modifications under any provision of the Title I of the FCAA.

4.8 The permit modification shall be accomplished in accordance with the criteria and procedures as described in WAC 173-401-725(2)(c) through (2)(e).

4.9 For group processing of modifications that meet the following criteria, the permittee shall submit an application as described in WAC 173-401-725(3)(b):

a. Meets the criteria for minor permit modification procedures in Term 4.7; and

b. Collectively are below ten percent of the emissions allowed by the permit for the emissions unit for which the change is requested, twenty percent of the applicable definition of major source in WAC 173-401-200, or five tons per year, whichever is least.

4.10 The permit modification shall be accomplished in accordance with the criteria and procedures as described in WAC 173-401-725(3)(c) through (3)(e).

4.11 The permittee may make the change(s) proposed in its minor permit modification application immediately after it files such as application provided that those changes requiring the submissions of a notice of construction application have been reviewed and approved by the Puget Sound Clean Air Agency. After the permittee makes the change allowed by the preceding sentence, and until the permitting authority takes any of the actions specified in WAC 173-401-725(2)(d), the permittee must comply with both the applicable requirements governing the change and the proposed permit terms and conditions. During this time period, the permittee need not comply with the existing permit terms and conditions it seeks to modify. However, if the source fails to comply with its proposed permit terms and conditions during this time period, the existing permit terms and conditions it seeks to modify may be enforced against it.

4.12 **Permit shield**. The permit shield under WAC 173-401-640 shall not extend to minor permit modifications.

[WAC 173-401-725(2) and (3)]

Significant Permit Modifications

4.13 For significant permit modifications that meet the following criteria, the modification shall meet all requirements of Chapter 173-401 WAC, including those for applications, public participation, review by affected states, and review by EPA, as they apply to permit issuance and permit renewal:

a. Permit modifications that do not qualify as minor permit modifications or as administrative amendments;

b. Every significant change in existing monitoring permit terms or conditions and every relaxation of reporting or recordkeeping permit terms or conditions.

Nothing herein shall be construed to preclude the permittee from making changes consistent with Chapter 173-401 WAC that would render existing permit compliance terms and conditions irrelevant.

[WAC 173-401-725(4)]
[WAC 173-401-500 (3)(c)]

Changes Not Requiring Permit Revisions

4.14 The permittee is authorized to make the changes described in WAC 173-401-722 without a permit revision, provided the following conditions are met:

a. The proposed changes are not Title I modifications;

b. The proposed changes do not result in emissions which exceed those allowable under the permit, whether expressed as a rate of emissions, or in total emissions;

c. The proposed changes do not alter permit terms that are necessary to enforce limitations on emissions from the units covered by the permit; and

d. The facility provides the administrator and PSCAA with written notification at least seven days prior to making the proposed changes except that written notification of a change made in response to an emergency shall be provided as soon as possible after the event.

Changes described in WAC 173-401-722 include Section 502(b)(10) changes (changes that contravene an express permit term, but do not included changes that would violate applicable requirements or contravene enforceable permit terms and conditions that are monitoring (including test methods), recordkeeping, reporting, or compliance certification requirements), SIP authorized emission trading, and emission caps. Requirements for notification are included in WAC 173-401-722(2), (3) and (4)

4.15 The permit shield does not apply to any 502(b)(10) change or SIP authorized emission trading, but does extend to terms and conditions that allow increases or decreases in emissions under changes to emission caps.

4.16 The permittee shall comply with applicable preconstruction review requirements.

4.17 The permittee and PSCAA shall attach each notice to their copy of the relevant permit.

[WAC 173-401-722]

Off Permit Changes

4.18 The permittee is allowed to make changes not specifically address or prohibited by the permit terms and conditions without requiring a permit revision, provided that the proposed changes do not weaken the enforceability of existing permit conditions. Any change that is a Title I modification must be submitted as a permit revision. Each change shall meet all applicable requirement and shall not violate any existing permit term or condition.

4.19 The permittee shall provide contemporaneous written notice to PSCAA and EPA of such change, except for changes that qualify as insignificant under WAC 173-401-530. Such written notice shall describe each such change, including the date, any change in emissions, pollutants emitted, and any applicable requirement that would apply as a result of the change.

4.20 The change shall not qualify for the permit shield.

4.21 The permittee shall comply with applicable preconstruction review requirements.

4.22 The permittee shall keep a record describing changes made that result in emissions of a regulated air pollutant subject to an applicable requirement, but not otherwise regulated under this permit, and the emissions resulting from those changes.

[WAC 173-401-724]

Duty to Supplement or Correct Application

4.23 Any applicant who fails to submit any relevant facts or who has submitted incorrect information in a permit application shall, upon becoming aware of such failure or incorrect submittal, promptly submit such supplementary facts or corrected information. In addition, an applicant shall provide additional information as necessary to address any requirements that become applicable to the source after the date it filed a complete application but prior to release of a draft permit.

[WAC 173-401-500(6)]

Notice of Construction

4.24 Except for the exemptions provided in Sections 6.03(b) and (c) of Puget Sound Clean Air Agency's Regulation I, it shall be unlawful for any person to cause or allow the establishment of a new source, or the replacement or substantial alteration of control equipment installed on an existing source, unless a "Notice of Construction application" has

been filed and an "Order of Approval" has been issued by the Puget Sound Clean Air Agency. The exemptions in PSCAA Regulation I, 6.03(b) and (c) do not apply to projects or sources identified in PSCAA Regulation I, 6.03(a)(1) – (5).

[PSCAA Regulation I, Section 6.03(a)]
[WAC 173-400-110]
[WAC 173-400-114]

New Source Notification

4.25 Except for projects or sources identified in PSCAA Regulation I, 6.03(a)(1) – (5), a Notice of Construction application and Order of Approval are not required for the new sources identified in PSCAA's Regulation I, Section 6.03(b), provided that a complete notification is filed with the PSCAA. It shall be unlawful for any person to cause or allow establishment of a new source identified in PSCAA's Regulation I, Section 6.03(b) unless a complete notification has been filed with PSCAA.

[PSCAA Regulation I, Section 6.03(b)]

Prevention of Significant Deterioration (PSD)

4.26 For a new major source stationary source or a major modification to an existing major stationary source as defined in WAC 173-400-720, the permittee must comply with the requirements in WAC 173-400-700 through 750. Ecology is the permitting agency for the PSD program in WAC 173-400-700 through -750.

[PSCAA Regulation I, Section 6.01]
[WAC 173-400-113(5); WAC 173-400-700 through -750]

Notice of Completion

4.27 Within 30 days of completion of the installation or modification of a stationary source subject to the Condition No. 4.24 of this section, the permittee shall file a Notice of Completion with PSCAA. Each Notice of Completion shall be submitted on a form provided by the PSCAA, and shall specify the date upon which operation of the stationary source has commenced or will commence.

[PSCAA Regulation I, Section 6.09]

Section 5: General Compliance Requirements

Schedule of Compliance

5.1 For applicable requirements with which the source is in compliance, the permittee will continue to comply with such requirements.

For applicable requirements that will become effective during the permit term, the permittee shall meet such requirements on a timely basis.

[WAC 173-401-630(3)]
[WAC 173-401-510(2)(h)(iii)]

Responsible Official Certification

5.2 Except as provided for in Condition 5.6, Certification Upon Submittal, any application form, report, or compliance certification submitted pursuant to this permit shall contain certification by a responsible official of truth, accuracy, and completeness. This certification and any other certification required by a responsible official under this permit shall state that, based on information and belief formed after reasonable inquiry, the statements and information in the document are true, accurate, and complete.

[WAC 173-401-520]
[WAC 173-401-630(1)]

Compliance Certification

5.3 The permittee shall submit a certification of compliance with the terms and conditions contained in the permit, including emission limitations, standards, or work practices.

The compliance certification, (original written document), shall be submitted to both EPA Region 10 and to the Puget Sound Clean Air Agency once per year (August 24 - August 23), by September 22 for the previous year.

a. The compliance certification shall include the following:
b. The identification of each term or condition of the permit that is the basis of the certification;
c. The compliance status;
d. Whether compliance was continuous or intermittent; and
e. The method(s) used for determining the compliance status of the source, currently and over the reporting period consistent with WAC 173-401-615 (3)(a).

The permittee shall also submit the compliance certification to Puget Sound Clean Air Agency in electronic format as an attachment to an e-mail message [facilitysubmittal@pscleanair.org] by September 22 for previous year (August 24 - August 23). The date the document is received by the Agency e-mail system is considered the submitted date of the report.

[WAC 173-401-630(5)]
[PSCAA Regulation I, Section 7.09(c)]

Semi-annual Report

5.4 The permittee shall submit the reports of any required reportable monitoring at least once every six months. All instances of deviations from permit requirements must be clearly identified in such reports. All required reports must be certified by a responsible official

consistent with WAC 173-401-520. The report periods and submittal due dates are as shown below.

a. Reporting period covering August 24 – February 24. Report submittal due date is March 26.
b. Reporting period covering February 25 – August 23. Report submittal due date is September 22.

The permittee shall also submit the semi-annual reports to Puget Sound Clean Air Agency in electronic format as an attachment to an e-mail message [facilitysubmittal@pscleanair.org] by March 26 for the August 24 – February 24 reporting period and by September 22 for the February 25 - August 23 reporting period. The date the document is received by the Agency e-mail system is considered the submitted date of the report.

[WAC 173-401-615 (3)(a)]
[PSCAA Regulation I, Section 7.09(c)]

Deviation Report

5.5 The permittee shall promptly report all deviations from permit requirements, including those attributable to upset conditions as defined in the permit, the probable cause of such deviations, and any corrective actions or preventive measures taken.

a. For deviations which represent a potential threat to human health or safety, "prompt" means as soon as possible, the permittee shall report by e-mail to facilitysubmittal@pscleanair.org (or any successive email address that we identify) as soon as possible but in no case later than twelve hours after the deviation is discovered.

b. All other deviations shall be reported in writing and by email no later than thirty days after the end of the month during which the deviation is discovered.

The permittee shall maintain a contemporaneous record of all deviations.

A Deviation Report may be certified by a responsible official at the time of submittal as provided in Condition 5.2 (Responsible Official Certification); however it is not required to be certified at the time of submittal. Any Deviation Report not certified at the time of submittal must be certified in the Semi-annual report as per Condition 5.6 (Certification upon Submittal).

[WAC 173-401-615(3)(b)]

Certification upon Submittal

5.6 For the purpose of this permit, the following application forms, reports, and compliance certifications must be certified by the responsible official upon submittal:

- Annual Air Operating Permit Compliance Certification (WAC 173-401-630(5))
- Semi-annual Air Operating Permit Report (WAC 173-401-615(3)(a))
- Administrative Permit Amendment Requests (WAC 173-401-720)
- Permit Modification Application (WAC 173-401-725)
- Renewal of Permit (WAC 173-401-710) (WAC 173-401-500(4))
- All reports submitted to comply with 40 CFR Part 63, Subpart ZZZZ

For all other application forms, reports, and compliance certifications, the responsible official's certification needs only to be submitted once every six months in the semi-annual report, covering all required reporting since the date of the last certification, provided that the certification specifically identifies all documents.

[WAC 173-401-630(5)]

Mailing Address

5.7 All notifications, reports, renewal/revision applications and compliance certifications required by this permit shall be submitted to:

Puget Sound Clean Air Agency
Attn: Compliance Program
1904 3rd Ave, Suite 105
Seattle, Washington 98101

5.8 For all the notifications, reports and compliance certifications required by this permit to be submitted to US Environmental Protection Agency, the mailing address is:

EPA Region 10, Mail Stop OAQ-107
Attn: Air Operating Permit
1200 Sixth Avenue
Seattle, Washington 98101

Compliance Reports-Electronic Submittal

5.9 The permittee shall submit complete copies of all required compliance reports to Puget Sound Clean Air Agency in electronic format as an attachment to an e-mail message [facilitysubmittal@pscleanair.org]. The date the document is received by the Agency e-mail system shall be considered the submitted date of the report. Original written documents shall also be submitted for record purposes. Nothing in this condition waives or modifies any requirements established under other applicable regulations.

[PSCAA Regulation I, Section 7.09(c)]

Inspection and Entry

5.10 Upon presentation of credentials and other documents as may be required by law, the permittee shall allow the permitting authority or an authorized representative to perform the following:

a. Enter upon the permittee's premises where a Title V source is located or emissions-related activity is conducted, or where records must be kept under the conditions of the permit;

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

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

d. As authorized by WAC 173-400-105 and the FCAA, sample or monitor at reasonable times substances or parameters for the purpose of assuring compliance with the permit or applicable requirements.

[WAC 173-401-630(2)]

Investigations

5.11 For the purpose of determining compliance with an emission standard, the Puget Sound Clean Air Agency or Ecology shall have the authority to conduct testing of a source or to order the permittee to have it tested and to report the results to the Agency or Ecology. In the event the Agency or Ecology conducts the test, the Agency or Ecology shall provide the permittee an opportunity to observe the sampling and to obtain a sample at the same time.

[PSCAA Regulation I, Section 3.05(b)]
[WAC 173-400-105(4)]

Credible Evidence

5.12 For the purpose of establishing whether or not a person has violated or is in violation of any provision of chapter 70.94 RCW, any rule enacted pursuant to that chapter, or any permit or order issued thereunder, nothing in this regulation shall preclude the use, including the exclusive use, of any credible evidence or information, relevant to whether a source would have been in compliance with applicable requirements if the appropriate performance or compliance test procedures or methods had been performed.

[PSCAA Regulation I, Section 3.06]

Emergency

5.13 An emergency, as defined in WAC 173-401-645(1), constitutes an affirmative defense to an action brought for noncompliance with a technology-based emission limitation if the conditions below are met.

a. The affirmative defense of emergency shall be demonstrated through properly signed, contemporaneous operating logs, or other relevant evidence that:

   i. An emergency occurred and that the permittee can identify the cause(s) of the emergency;

   ii. The permitted facility was at the time being properly operated;

   iii. During the period of the emergency the permittee took all reasonable steps to minimize levels of emissions that exceeded the emission standards, or other requirements in the permit; and

   iv. The permittee submitted notice of the emergency to the Puget Sound Clean Air Agency within two working days of the time when emission limitations were exceeded due to the emergency or shorter periods of time specified in an applicable requirement. This notice fulfills the requirement of WAC 173-401-615 (3)(b) unless the excess emissions represent a potential threat to human health or safety. This notice must contain a description of the emergency, any steps taken to mitigate emissions, and corrective actions taken.

b. In any enforcement proceeding, the permittee seeking to establish the occurrence of an emergency has the burden of proof.

c. This condition is in addition to any emergency or upset provision contained in any applicable requirement.

[WAC 173-401-645]

Excess Emissions

5.14 The permittee shall have the burden of proving to Puget Sound Clean Air Agency in an enforcement action that excess emissions were unavoidable. Excess emissions which represent a potential threat to human health or safety or which the permittee believes to be unavoidable shall be reported to Puget Sound Clean Air Agency as soon as possible. Other excess emissions shall be reported within thirty days after the end of the month during which the event occurred or as part of the routine emission monitoring reports. Upon request by Puget Sound Clean Air Agency, the permittee shall submit a full written report including the known causes, the corrective actions taken, and the preventive measures to be taken to minimize or eliminate the chance of recurrence.

[WAC 173-400-107(1) & (3)]

5.15 Excess emissions determined to be unavoidable under Conditions No.5.16, 5.17 or 5.18 of this permit shall be excused and not subject to penalty.

[WAC 173-400-107(2)]

5.16 Excess emissions due to startup or shutdown conditions shall be considered unavoidable provided the permittee reports as required under Condition No.5.14 of this permit and adequately demonstrates that the excess emissions could not have been prevented through careful planning and design and if a bypass of control equipment occurs, that such bypass is necessary to prevent loss of life, personal injury, or severe property damage.

[WAC 173-400-107(4)]

5.17 Excess emissions due to scheduled maintenance shall be considered unavoidable if the permittee reports as required under Condition No.5.14 of this permit and adequately demonstrates that the excess emissions could not have been avoided through reasonable design, better scheduling for maintenance or through better operation and maintenance practices.

[WAC 173-400-107(5)]

5.18 Excess emissions due to upsets shall be considered unavoidable provided the permittee reports as required under Condition No.5.14 of this permit and adequately demonstrates that:

a. The event was not caused by poor or inadequate design, operation, maintenance, or any other reasonably preventable condition;

b. The event was not of a recurring pattern indicative of inadequate design, operation, or maintenance; and

c. The operator took immediate and appropriate corrective action in a manner consistent with good air pollution control practice for minimizing emissions during the event, taking into account the total emissions impact of the corrective action, including slowing or shutting down the emission unit as necessary to minimize emissions, when the operator knew or should have known that an emission standard or permit condition was being exceeded.

[WAC 173-400-107(6)]

Permit Shield

5.19 Compliance with the conditions of this permit shall be deemed compliance with any applicable requirements as of the date of permit issuance, provided such applicable requirements are included and are specifically identified in this permit. The permit shield does not apply to any insignificant emissions unit or activity so designated under WAC 173-401-530.

[WAC 173-401-640(1)]
[WAC 173-401-530(3)]

5.20 Exclusions. Nothing in WAC 173-401-640 or in this permit shall alter or affect the following:

a. The provisions of section 303 of the FCAA (emergency orders), including the authority of the administrator under that section;

b. The liability of the permittee for any violation of applicable requirements prior to or at the time of permit issuance;

c. The applicable requirements of the acid rain program, consistent with section 408(a) of the FCAA;

d. The ability of EPA to obtain information from a source pursuant to section 114 of the FCAA; or

e. The ability of the Puget Sound Clean Air Agency to establish or revise requirements for the use of reasonably available control technology (RACT) as provided in chapter 252, Laws of 1993.

[WAC 173-401-640(4)]

Compliance Test Methods

5.21 Testing of sources for compliance with emission standards shall be performed in accordance with current U.S. Environmental Protection Agency approved methods unless specific methods have been identified in this permit.

[PSCAA Regulation I, Section 3.07(a)]

Compliance Test Notification

5.22 The permittee shall notify the Puget Sound Clean Air Agency in writing at least 21 days prior to any compliance test. Notification of a compliance test shall be submitted on forms provided by the Agency. Test notifications using the Agency forms do not constitute test plans. Compliance with this notification provision does not satisfy any obligation found in an order or other regulatory requirement to submit a test plan for Agency review. This notification requirement does not waive or modify test notification requirements found in other applicable regulations.

[PSCAA Regulation I, Section 3.07(b)]

Compliance Test Report Submittal

5.23 For any required compliance test, the permittee shall submit the compliance test report to the Puget Sound Clean Air Agency no later than 60 days after the test. The report shall include:

a. A description of the source and the sampling location;

b. The time and date of the test;

c. A summary of results, reported in units and for averaging periods consistent with the applicable emission standard;

d. A description of the test methods and quality assurance procedures employed;

e. The amount of fuel burned or raw material processed by the source during the test;

f. The operating parameters of the source and control equipment during the test;

g. Field data and example calculations; and

h. A statement signed by the senior management official of the testing firm certifying the validity of the source test report.

[PSCAA Regulation I, Section 3.07(c)]

Federal Enforceability

5.24 All terms and conditions in this permit, including any provisions designed to limit a source's potential to emit, are enforceable by the US EPA and citizens under the FCAA, except for those requirements designated as "State Only" in the tables below.

[WAC 173-401-625]

Note: In some cases, there are two effective dates for the same state and local regulations. The "federally enforceable" regulation has been approved by the EPA and is part of the current federally-approved, implementation plan or SIP. A more current version of the regulation may have been adopted, but either was not submitted to EPA for approval into the SIP, or it has been submitted and EPA has not approved it yet. The table below lists state and local regulations that apply to the permittee. The effective date of the regulation approved in the SIP is identified as "Federally Enforceable." The effective date of the version of the rule that is not currently approved in the SIP is shaded in grey and identified as "State Only." When EPA does approve the new regulation into the SIP, the old regulation will be replaced and superseded by the new regulation automatically.

Table 12 WAC Requirements in State Implementation Plan

Washington Administrative Code (WAC)		
Regulation	Rule Description (Effective Date)	Federal Enforceability
WAC 173-400-035	Nonroad Engines (4/1/11)	State Only
WAC 173-400-040	General Standards for Maximum Emissions (9/20/93)	Federally Enforceable, except for sections (1)(c), (1)(d), (2), (4), (6) second paragraph.
WAC 173-400-060	General Standards for Maximum Emissions (7/1/16)	State Only
WAC 173-400-060	Emission Standards for General Process Units (3/22/91)	Federally Enforceable
WAC 173-400-081	Startup and shutdown (4/1/11)	State Only

Washington Administrative Code (WAC)		
Regulation	Rule Description (Effective Date)	Federal Enforceability
WAC 173-400-091	Voluntary Limits on Emissions (9/20/93)	Federally Enforceable
WAC 173-400-091	Voluntary Limits on Emissions (4/1/11)	State Only
WAC 173-400-105	Records, monitoring, and reporting (9/20/93)	Federally Enforceable
WAC 173-400-105	Records, monitoring, and reporting (7/1/16)	State Only
WAC 173-400-107	Excess Emissions (9/20/93)	Federally Enforceable
WAC 173-400-107	Excess Emissions (4/1/11)	State Only
WAC 173-400-108	Excess Emissions (4/1/11)	State Only
WAC 173-400-109	Excess Emissions (4/1/11)	State Only
WAC 173-400-110	New Source Review (NSR) (9/20/93)	Federally Enforceable
WAC 173-400-110	New Source Review (NSR) (12/29/12)	State Only
WAC 173-400-113	Requirements for New Sources in Attainment or Unclassified Areas (9/20/93)	Federally Enforceable except (5)
WAC 173-400-113	Requirements for New Sources in Attainment or Unclassified Areas (12/29/12)	State Only
WAC 173-400-114	Replacement or substantial alteration of emission control technology (12/29/12)	State Only
WAC 173-400-171	Public notice (9/20/93)	Federally Enforceable
WAC 173-400-171	Public notice (7/1/16)	State Only
WAC 173-400-200	Creditable stack height and dispersion techniques (3/22/91)	Federally Enforceable
WAC 173-400-200	Creditable stack height and dispersion techniques (2/10/05)	State Only
WAC 173-400-205	Adjustment for Atmospheric Conditions (3/22/91)	Federally Enforceable
WAC 173-400-700	Review of major stationary sources of air pollution (4/1/11)	Federally Enforceable (Ecology)
WAC 173-400-720	Prevention of Significant Deterioration (7/1/16)	Federally Enforceable (Ecology), except: 173-400-720(4)(b)(iii)(C); and 173-400-720(4)(a)(vi) with respect to the incorporation by reference of the text in 40 CFR 52.21(b)(49)(v), 52.21(i)(5)(i), and 52.21(k)(2).
WAC 173-400-730	PSD application and processing procedures (7/1/16)	Federally Enforceable (Ecology)
WAC 173-400-740	PSD permitting public involvement requirements (7/1/16)	Federally Enforceable (Ecology)
WAC 173-400-750	Revisions to PSD (12/29/12)	Federally Enforceable (Ecology)
WAC 173-441-030	Reporting of Emissions of Greenhouse Gases (3/1/15)	State Only

Washington Administrative Code (WAC)		
Regulation	Rule Description (Effective Date)	Federal Enforceability
RCW 70.94.970(2), 970(4)	Refrigerants Regulated (1991 c 199 § 602)	State Only

Table 13 PSCAA Requirements in State Implementation Plan

Puget Sound Clean Air Agency Regulation		
Regulation	Rule Description	Federally Enforceability
Regulation I: Section 3.04	Reasonably Available Control Technology (3/11/99)	Federally Enforceable, except (e)
Regulation I: Section 3.04	Reasonably Available Control Technology (5/24/12)	State Only
Regulation I: Section 3.06	Credible Evidence (11/14/98)	Federally Enforceable
Regulation I: Section 3.07	Compliance Tests (3/23/06)	State Only
Regulation I: Section 3.23	Alternative Means of Compliance (9/12/96)	State Only
Regulation I: Section 6.01	Components of New Source Review Program (3/28/13)	State Only
Regulation I: Section 6.03	New Source Review (9/12/96)	Federally Enforceable
Regulation I: Section 6.03	New Source Review (9/24/15)	State Only
Regulation I: Section 6.06	New Source Review Public Notice (4/14/94)	Federally Enforceable
Regulation I: Section 6.07	Order to Prevent Construction (4/14/94)	Federally Enforceable
Regulation I: Section 6.09	Notice of Completion (4/14/94)	Federally Enforceable
Regulation I: Section 6.09	Notice of Completion (3/25/04)	State Only
Regulation I: Section 6.10	Work Done without an Approval (9/11/97)	Federally Enforceable
Regulation I: Section 6.10	Work Done without an Approval (7/12/01)	State Only
Regulation I: Section 7.09	General Reporting Requirements for Operating Permits (9/10/98)	Federally Enforceable
Regulation I: Section 7.09	General Reporting Requirements for Operating Permits (12/15/16)	State Only
Regulation I: Section 8.04	General Conditions for Outdoor Burning (11/9/00)	Federally Enforceable
Regulation I: Section 8.04	General Conditions for Outdoor Burning (9/25/08)	State Only
Regulation I: Section 8.07	Fire Extinguisher Training (9/9/99)	State Only
Regulation I: Section 9.03	Visual Standard (3/11/99)	Federally Enforceable, except (e)
Regulation I: Section 9.03	Visual Standard (3/25/04)	State Only
Regulation I: Section 9.04	Opacity Standards for Equipment with COM (4/9/98)	Federally Enforceable, except (d)(2) & (f)
Regulation I: Section 9.04	Opacity Standards for Equipment with COM (3/25/04)	State Only
Regulation I: Section 9.05	Refuse Burning (12/9/93)	Federally Enforceable
Regulation I: Section 9.07	Sulfur Dioxide Emission Standard (4/14/94)	Federally Enforceable
Regulation I: Section 9.08	Fuel Oil Standards (4/14/94)	Federally Enforceable

Puget Sound Clean Air Agency Regulation		
Regulation	Rule Description	Federally Enforceability
Regulation I: Section 9.08	Fuel Oil Standards (3/25/04)	State Only
Regulation I: Section 9.09	Particulate Matter Emission Standards (4/9/98)	Federally Enforceable
Regulation I: Section 9.10	Emission of HCl (6/9/88)	State Only
Regulation I: Section 9.11	Detriment to Person or Property (3/11/99)	State Only
Regulation I: Section 9.13	Concealment and Masking Restricted (6/9/88)	State Only
Regulation I: Section 9.15	Fugitive Dust Control Measures (3/11/99)	Federally Enforceable
Regulation I: Section 9.16	Spray Coating Operations (7/12/01)	Federally Enforceable
Regulation I: Section 9.16	Spray Coating Operations (10/28/10)	State Only
Regulation I: Section 9.18	Crushing Operations (1/26/12)	State Only
Regulation I: Section 9.20	Maintenance of Equipment (6/9/88)	Federally Enforceable
Regulation I: Section 15	Nonroad Engines (12/15/11)	State Only
Regulation II, Section 1.04	General Definitions (12/11/80)	Federally Enforceable
Regulation II, Section 1.05	Specialty Definitions (7/24/03)	Federally Enforceable
Regulation II, Section 3.04	Motor Vehicle and Mobile Equipment Coating Operations (7/24/03)	Federally Enforceable
Regulation III: Section 4.02	Asbestos Survey Requirements (6/8/95)	State Only
Regulation III: Section 4.03	Asbestos Notification Requirements (5/26/11)	State Only
Regulation III: Section 4.04	Asbestos Removal Requirements (7/13/00)	State Only
Regulation III: Section 4.05	Procedures for Asbestos Project (2/27/03)	State Only
Regulation III: Section 4.07	Disposal of Asbestos Material (6/8/95)	State Only

Section 6: General Applicable Requirements

Definitions

6.1 Unless otherwise defined in this permit, the terms used in this permit shall have the same meaning ascribed to them in the referenced regulation.

[WAC 173-401-200]

Retention of Records

6.2 Retention of records of all required monitoring data and support information for a period of five years from the date of the monitoring sample, measurement, report, or application. Support information includes all calibration and maintenance records and all original strip-chart recordings for continuous monitoring instrumentation, and copies of all reports required by the permit.

[WAC 173-401-615(2)(c)]

Asbestos

6.3 (a) The permittee shall comply with 40 CFR Sections 61.145, 61.148 and 61.150 when conducting any renovation or demolition at the facility.

[40 CFR 61.145 and 150]

(b) The permittee shall comply with Puget Sound Clean Air Agency Regulation III, Article 4 when conducting any asbestos project, renovation or demolition activities at the facility.

[PSCAA Regulation III, Article 4]

Open Burning

6.4 It shall be unlawful for any person to cause or allow any outdoor burning unless the burning is in compliance with WAC 173-425.

[PSCAA Regulation I, Section 8.04]

6.5 No person shall conduct outdoor burning during an air pollution episode or a declared period of impaired air quality.

[WAC 173-425-050(3)]

6.6 Hand-held fire extinguishers training shall be conducted in accordance with PSCAA's Regulation I, Section 8.07.

[PSCAA Regulation I, Section 8.07]

Stratospheric Ozone and Climate Protection

6.7 The permittee shall comply with the following standards for recycling and emissions reduction pursuant to 40 CFR Part 82, Subpart F, except as provided for motor vehicle air conditioners (MVACs) in Subpart B:

a. Persons opening appliances for maintenance, service, repair, or disposal must comply with the required practices pursuant to 40 CFR 82.156;

b. Equipment used during the maintenance, service, repair, or disposal of appliances must comply with the standards for recycling and recovery equipment pursuant to 40 CFR 82.158;

c. Persons performing maintenance, service, repair, or disposal of appliances must be certified by an approved technician certification program pursuant to 40 CFR 82.161.

6.8 The permittee may switch from any ozone-depleting substance to any alternative approved pursuant to the Significant New Alternatives Program (SNAP), 40 CFR Part 82, Subpart G, without a permit revision but shall not switch to a substitute listed as unacceptable pursuant to such program.

[40 CFR 82.174]

6.9 Any certified technician employed by Kenworth shall keep a copy of their certification at their place of employment.

[40 CFR 82.166(1)

6.10 The permittee shall not willfully release any regulated refrigerant and shall use refrigerant extraction equipment to recover regulated refrigerant when servicing, repairing or disposing of commercial air conditioning, heating, or refrigeration systems.

[RCW 70.94.970(2) and (4), State Only]6.8

Chemical Accident Prevention Program

6.11 In accordance with 40 CFR Part 68.10, if the permittee has more than a threshold quantity of a regulated substance in a process, as determined under 40 CFR 68.115, the permittee shall comply with the requirements of the Chemical Accident Prevention Provisions in 40 CFR Part 68 no later than the following dates:

a. Three years after the date on which a regulated substance is first listed under 40 CFR § 68.130; or

b. The date on which a regulated substance is first present above a threshold quantity in a process.

[40 CFR 68.10]

Concealment or Masking

6.12 (a) No person shall cause or allow the installation or use of any means which conceals or masks an emission of an air contaminant which would otherwise violate any provisions of WAC 173-400. (*Note: Once EPA deletes the 9/20/93 version of the WAC from the PSCAA SIP, only Regulation I, Section 9.13 will apply.)*

[WAC 173-400-040(8)]

(b) It shall be unlawful for any person to cause or allow the installation or use of any device or use of any means which, without resulting in a reduction in the total amount of air contaminant emitted, conceals an emission of air contaminant which would otherwise violate this article.

[PSCAA Regulation I, Section 9.13(a)]

(c) It shall be unlawful for any person to cause or allow the installation or use of any device or use of any means designed to mask the emission of an air contaminant which causes detriment to health, safety or welfare of any person.

[PSCAA Regulation I, Section 9.13(b)]

False Statement

6.13 No person shall make any false material statement, representation or certification in any form, notice or report required under chapter 70.94 or 70.120 RCW, or any ordinance, resolution, regulation, permit or order in force pursuant thereto.

[WAC 173-400-105(6)]

Tampering

6.14 No person shall render inaccurate any monitoring device or method required under chapter 70.94 or 70.120 RCW, or any ordinance, resolution, regulation, permit, or order in force pursuant thereto.

[WAC 173-400-105(8)]

Adjustment for Atmospheric Conditions

6.15 The permittee shall not vary the rate of emission of a pollutant according to atmospheric conditions or ambient concentrations of that pollutant except as directed according to air pollution episode regulations.

[WAC 173-400-205]

Reasonably Available Control Technology (RACT)

6.16 Emission standards and other requirements contained in rules or regulatory orders in effect at the time of operating permit issuance or renewal shall be considered RACT for purposes of permit issuance or renewal.

[WAC 173-401-605(3)]

Annual Emission Report

6.17 The permittee shall report annually to the Puget Sound Clean Air Agency listing those air contaminants emitted during the previous calendar year that equal or exceed the following in tons per year:

Carbon monoxide (CO)	25
Facility combined total of all toxic air contaminants (TAC)	6
Any single toxic air contaminant (TAC)	2
Nitrogen oxide (NOX)	25
Particulate matter (PM10)	25
Particulate matter (PM2.5)	25
Sulfur oxide (SOX)	25
Volatile organic compounds (VOC)	25
Lead	0.5

Annual emission rates shall be reported to the nearest whole ton per year for only those air contaminants that equal or exceed the thresholds above, except lead which must be

reported to the nearest tenth of a ton. The permittee shall maintain records of information necessary to document any reported emissions or demonstrate that the emissions were less than the above amounts. The permittee shall submit to the Puget Sound Clean Air Agency any additional information required by WAC 173-400-105(1) or Puget Sound Clean Air Agency Regulation III, Section 1.11.

[Puget Sound Clean Air Agency Regulation I, Section 7.09(a)]

Washington State Program for Reporting of Emissions of Greenhouse Gases

6.18 Greenhouse gases emission reporting is mandatory for the permittee of any facility that emits ten thousand metric tons CO2e or more per calendar year in total GHG emissions from all applicable source categories listed in WAC 173-441-120. If subject to mandatory reporting requirements, the permittee shall follow the procedures specified in WAC 173-441-050 for emission calculation, monitoring, quality assurance, missing data, recordkeeping, and reporting. The greenhouse gases emission report shall be submitted to either of the following:

For U.S. mail: Greenhouse Gas Report, Air Quality Program, Department of Ecology, P.O. Box 47600, Olympia, WA 98504-7600.

For e-mail: ghgreporting@ecy.wa.gov.

[WAC 173-441]

Non-road Engines

6.19 The permittee shall file a Notice of Intent to Operate for non-road engine(s) that are subject to the notification requirements of WAC 173-400-035 and Puget Sound Clean Air Agency Regulation I, Article 15.

a. For nonroad engine with cumulative maximum rated brake horsepower > 2000 BHP, the notification of intent to operate **and** approval is required before operations begin.

b. For nonroad engine with cumulative maximum rated brake horsepower > 500 and ≤ 2000 BHP, the notification of intent to operate is required before operations begin.

[PSCAA Regulation I, Section 15.03 (b)(1) & (c)(1)]
[WAC 173-400-035 (4)(a) & (5)(a)]

6.20 The permittee must record the following information for each nonroad engine:

a. Site address or location;

b. Date of equipment arrival at the site;

c. Date of equipment departure from the site;

d. Engine function or purpose;

e. Identification of each component as follows:

i. Equipment manufacturer, model number and its unique serial number;

ii. Engine model year;

iii. Type of fuel used with fuel specifications (sulfur content, cetane number, etc.).

The permittee must keep the records of the current engine and equipment activity in hard copy or electronic form. These records can be maintained on-site or off-site for at least five years and must be readily available to the Puget Sound Clean Air Agency on request.

[WAC 173-400-035 (4)(b), (4)(c) & (5)(c)]
[PSCAA Regulation I, Section 15.03 (b)(2), (b)(3) & (c)(3)]

6.21 All nonroad engines must use ultra-low sulfur diesel or ultra-low sulfur bio-diesel (a sulfur content of 15 ppm or 0.0015% sulfur by weight or less), gasoline, natural gas, propane, liquefied petroleum gas (LPG), hydrogen, ethanol, methanol, or liquefied/compressed natural gas (LNG/CNG). A facility that receives deliveries of only ultra-low sulfur diesel or ultra-low sulfur bio-diesel is deemed to be compliant with this fuel standard.

[WAC 173-400-035 (3)]
[PSCAA Regulation I, Section 15.05(a)]

Section 7: Test methods and Averaging Periods

Unless otherwise specified in the rules or approval conditions, compliance shall be determined based on the averaging periods as described in the table below. In the event that a sample is accidentally lost or conditions occur in which one of the runs must be discontinued because of circumstances beyond the operator's control, compliance may, upon EPA or Puget Sound Clean Air Agency approval, be determined from the arithmetic average of the two other runs.

Table 14 Summary of Test Methods

Test Method	Title	Averaging Period
Puget Sound Clean Air Agency Method 5 Puget Sound Clean Air Agency Board Resolution 540, August 11, 1983	Determination of Particulate Emissions from Stationary Sources	The test shall consist of 3 runs and at least 1-hour per run. Determine the PM emission from the arithmetic average of the three runs.
EPA Method 5 40 CFR 60, Appendix A	Determination of Particulate Emissions from Stationary Sources	The test shall consist of 3 runs and at least 1-hour per run. Determine the PM emission from the arithmetic average of the three runs.
EPA Method 6C 40 CFR 60, Appendix A	Determination of Sulfur Dioxide Emissions from Stationary Sources	The test shall consist of 1 run and at least 1-hour per run.
EPA Method 7 40 CFR 60, Appendix A	Determination of Nitrogen Oxide Emissions from Stationary Sources	The test shall consist of 3 runs and at least 1-hour per run. Determine the NOx emission from the arithmetic average of the three runs.
EPA Method 10 40 CFR 60, Appendix A	Determination of Carbon Monoxide	The test shall consist of 3 runs and at least 1-hour per run. Determine the NOx emission from the arithmetic average of the three runs.
EPA Method 19 40 CFR 60, Appendix A	Determination of NOx rate	30-day rolling average
Ecology Method 9A, "Source Test Manual – Procedures for Compliance Testing", July 12, 1990	Visual Determination of the Opacity of Emissions from Stationary Sources - for State and Puget Sound Clean Air Agency requirements	Any 13 opacity readings above standard in one hour, opacity readings taken in 15-second intervals.
EPA Method 9 40 CFR 60, Appendix A	Visual Determination of the Opacity of Emissions from Stationary Sources - for Federal Requirements	6-minute averaging period, opacity readings taken in 15-second intervals.

Test Method	Title	Averaging Period
EPA Method 24 40 CFR 60, Appendix A	Determination of Volatile Matter Content, Water Content, Density, Volume Solids, and Weight Solids of Surface Coatings	For water-based and water reducible coatings, vendor certification or data will be used for determining compliance. For other VOC containing materials, vendor certification or data will be the primary means for determining compliance. If Method 24 is used for coatings, grab samples will be taken and the average of all of a single type of coating (e.g., primer or topcoat), mixed and ready for application within the same coating operation, will be used for determining compliance.
EPA Method 26 A 40 CFR 60, Appendix A	Determinations of HCl	The test shall consist of 1 run and at least 1-hour per run.
Ash-ASTM D482 Sulfur –ASTM D3120 Halogens – EPA SW846,9076 PCB – EPA SW846, 8080 Lead – EPA 600/4-81-045,200.7 Flash Point – EPA SW846, 1020	Fuel Oil Analysis	None applicable

Section 8: Inapplicable Requirements

Pursuant to WAC 173-401-640(2), the Puget Sound Clean Air Agency has determined that the requirements listed in the table do not apply to the facility, as of the date of permit issuance, for the reasons specified. The permit shield applies to all requirements so identified.

Table 15 Inapplicable Requirements

Regulation	Description	Basis for Inapplicability
40 CFR Part 60 Subpart MM	Performance standards for automobile and light duty truck surface coating operations.	No surface coating of automobiles or light duty trucks occurs at its facility and Kenworth would need to modify this permit to do so.
40 CFR Part 60: Subpart K Subpart Ka Subpart Kb	Standards of Performance for VOC Storage Vessels	Do not apply since Kenworth does not have any storage tanks with a storage capacity of greater than 40 m^3 (10,568 gal) and will need approval to install any such vessels.
40 CFR Part 63 Subpart MMMM	Miscellaneous Metal Parts and Products Surface Coating NESHAP.	Kenworth is subject to a federally enforceable order, PSCAA Regulatory Order 11587, TBD that limits its emissions of hazardous air pollutants (HAPs). The order limits HAP emissions to less than major source thresholds.
40 CFR Part 63 Subpart PPPP	Plastic Parts Surface Coating NESHAP.	Kenworth is subject to a federally enforceable order, PSCAA Regulatory Order 11587, TBD that limits its emissions of hazardous air pollutants (HAPs). The order limits HAP emissions to less than major source thresholds.
40 CFR Part 63 Subpart DDDDD	Industrial, Commercial, and Institutional Boilers and Process Heaters NESHAP.	Kenworth is subject to a federally enforceable order, PSCAA Regulatory Order 11587, TBD that limits its emissions of hazardous air pollutants (HAPs). The order limits HAP emissions to less than major source thresholds.
40 CFR Part 63 Subpart IIII	Auto and Light Duty Trucks Surface Coating NESHAP	No surface coating of automobiles or light duty trucks occurs at its facility and Kenworth would need to modify this permit to do so. Kenworth is subject to a federally enforceable order, PSCAA Regulatory Order 11587, TBD that limits its emissions of hazardous air pollutants (HAPs). The order limits HAP emissions to less than major source thresholds.
40 CFR Part 63 Subpart CCCCCC	Gasoline Dispensing Facilities (Area Source) NESHAP	Kenworth does not dispense gasoline
40 CFR Part 63 Subpart XXXXXX	Metal Fabrication and Finishing (Area Source) NESHAP	Per the 63.11522 definition of "*primarily engaged*" (e.g. "where this production represents at least 50% of the production at a facility") and according to 63.11514, Kenworth is not subject to this subpart because Kenworth is not *primarily engaged* in any of the applicable source categories. The applicable source categories are: the operation of metal fabrication and finishing of Electrical and Electronic Equipment; Metal Products; Plate Work (Boilers); Structural Metal Manufacturing; Heating Equipment; Industrial Machinery and Equipment; Iron and Steel Forging; Primary Metal Products; and Valves & Pipe Fittings.

*40 CFR Part 63 Subpart HHHHHH	Paint Stripping and Miscellaneous Surface Coating Operations at Area Sources NESHAP	Kenworth is not involved in the activities listed in 63.11169 and does not perform the activities listed in 63.11170. • Kenworth does not perform paint stripping operations that involve the use of chemical strippers that contain MeCl. • Kenworth does not perform autobody refinishing operations. Kenworth is an Original Equipment Manufacturer and a vehicle assembly plant. Per the 63.11180 definition of "*Motor vehicle and mobile equipment surface coating*," spray coating operations at Kenworth are not included in the Subpart because Kenworth is a vehicle assembly plant. Kenworth does not spray apply coatings containing the target HAPs to parts that are not motor vehicles or mobile equipment.
40 CFR 82, Subpart A		Controls on production and consumption of ozone-depleting substances. Kenworth does not produce or consume ozone depleting substances and would need approval to do so.
40 CFR 82, Subpart B		Motor vehicle air conditioners are serviced by trained and certified technicians using approved refrigerant recycling equipment. Kenworth does not service or repair motor vehicle air conditioners. Trucks on the assembly line are excluded from the definition of "motor vehicle" in 40 CFR 82.32(c).
40 CFR 82, Subpart D		Federal procurement requirements. Kenworth is not a federal agency.
40 CFR 82, Subpart E		Labeling required for containers of products containing certain ozone-depleting substances. Kenworth does not use Class I substances directly in manufacturing processes or does not manufacture products containing Class I substances and would have to apply for approval before using a Class I CFC.
WAC 173-400-105(5)	Continuous Emission Monitoring System requirements	Continuous Emission Monitoring System requirements are inapplicable since Kenworth is not required to use continuous emission monitors to assure compliance.
WAC 173-490-030	Registration requirements	Operating permit sources are exempt from registration under RCW 70.94.161(17).

Puget Sound Clean Air Agency Reg. I: 5.03	Registration Requirements	Puget Sound Clean Air Agency Regulation I, Section 5.03 is inapplicable per statute RCW 70.94.161(17). Please reinstate the following statement that is currently included in the current permit, page 71: Kenworth specifically requested that Puget Sound Clean Air Agency determine that Section 5.03 does not apply to welding operations. Puget Sound Clean Air Agency concurs, and also notes that welding operations are exempt from the new source requirements of Puget Sound Clean air Agency Regulation I, Article 6.
Puget Sound Clean Air Agency Reg. I: 9.04	Continuous Opacity Monitoring systems requirements	Does not apply since Kenworth is not required to use a continuous opacity monitoring system to assure compliance.
Puget Sound Clean Air Agency Reg. I: 9.16(e)		No mobile spray-coating operations conducted at the facility.
Puget Sound Clean Air Agency Reg. I, Article 12	Continuous Emission Monitoring System requirements	Continuous Emission Monitoring System requirements are inapplicable since Kenworth is not required to use continuous emission monitors to assure compliance.
Order of Approval No. 6074 (8/16/95)		Cancelled and superseded by Order of Approval 6074, 8/8/03
Order of Approval No. 6977 (10/21/97)		Cancelled and superseded by Order of Approval 6074, 8/8/03
General Regulatory Order No. 6654 (4/10/97)		Cancelled and superseded by Order of Approval 6074, 8/8/03
Order of Approval No. 6074, Condition 5 (8/8/03)	Annual status report for VOC limits	On August 15, 2001 Kenworth Renton submitted a letter to PSCAA stating that according to Section V.Q.4 of the (August 24, 2000) permit, primers had achieved 3.5 lbs/gal VOC content, and chassis primer with 2.7 lbs/gal VOC content was acceptable for use. Therefore continued annual status reporting was no longer required.
Order of Approval No. 6074 (8/8/03)		Cancelled and superseded by Regulatory Order 11587, TBD
Order of Approval No. 8884 (7/24/03)		Cancelled and superseded by Regulatory Order 11587, TBD
Order of Approval No. 8344 (7/24/03)		Cancelled and superseded by Regulatory Order 11587, TBD

Section 9: Insignificant Emission Units and Activities

General

9.1 For the purpose of this permit, an emission unit or activity is insignificant based on one or more of the following:

a. Actual emissions of all regulated air pollutants from a unit or activity are less than the emission thresholds established in WAC 173-401-530(4).

b. The emission unit or activity is listed in WAC 173-401-532 as categorically exempt.

c. The emission unit or activity is listed in WAC 173-401-533 and is considered insignificant if its size or production rate based on maximum rated capacity is below the specified level.

d. The emission unit or activity generates only fugitive emissions as defined in WAC 173-400-030(31).

[WAC 173-401-530(1)]

9.2 No emissions unit or activity subject to a federally enforceable applicable requirement (other than generally applicable requirements of the state implementation plan) shall qualify as an insignificant emissions unit or activity. Generally applicable requirements of the state implementation plan are those federally enforceable requirements that apply universally to all emission units or activities without reference to specific types of emission units or activities.

[WAC 173-401-530(2)(a)]

9.3 This permit does not require testing, monitoring, recordkeeping or reporting or for insignificant emission units or activities, except as required by Puget Sound Clean Air Agency Regulation I, Sections 7.09(b) and 9.20 and their incorporation into this permit. Compliance with Puget Sound Clean Air Agency Regulation I, Sections 7.09(b) and 9.20 as defined in the terms of this permit, shall be deemed to satisfy the requirements of WAC 173-401-615 and 173-401-630(1).

[WAC 173-401-530(2)(c)]

9.4 Insignificant emission units and activities are subject to all General Applicable Requirements set forth in Section 6 of this permit. Where this permit does not require testing, monitoring, recordkeeping and reporting for insignificant emissions units or activities, the permittee may certify continuous compliance if there were no observed, documented, or known instances of noncompliance during the reporting period. Where this permit requires testing, monitoring, recordkeeping and reporting for insignificant emission units or activities, the permittee may certify continuous compliance when the testing, monitoring, and recordkeeping required by the permit revealed no violations during the period, and there were no observed, documented, or known instances of noncompliance during the reporting period.

[WAC 173-401-530(2)(d)]

Documentation

9.5 Upon request from the PSCAA the permittee must provide sufficient documentation to enable the PSCAA to determine that the emission unit or activity has been appropriately listed as insignificant.

[WAC 173-401-530(5)(a)]

a. Upon request from the PSCAA, at any time during the term of the permit, if the permittee lists an activity or emissions unit as insignificant under condition No.9.1(a) of this section then upon request from the PSCAA the permittee shall demonstrate to the PSCAA that the actual emissions of the unit or activity are below the emission thresholds listed in WAC 173-401-530(4).

[WAC 173-401-530(5)(b)]

Permit Revision

9.6 An activity or emissions unit that qualifies as insignificant solely on the basis of condition No.9.1(a) of this section shall not exceed the emissions thresholds specified in WAC 173-401-530(4), until the permit is modified pursuant to WAC 173-401-725.

[WAC 173-401-530(6)]

Table 16 Insignificant Emission Units Based on Maximum Rated Capacity

The following units and activities are listed as insignificant based on maximum rated capacity per WAC 173-401-533.	
Description	WAC 173-401-533(2)
Make-Up Air Units (MAU): natural gas fired and less than five million Btu/hr.	WAC 173-401-533(2)(e)
Air Supply Houses (ASH): natural gas fired and less than five million Btu/hr.	WAC 173-401-533(2)(e)
Cab Washer Burners: natural gas fired and less than five million Btu/hr.	WAC 173-401-533(2)(r)
Hot Water Heaters: 2 @ 85 gallons each. Natural gas fired, each at less than five million Btu/hr.	WAC 173-401-533(2)(r)
Portable Pressure Washer: propane fired and less than five million Btu/hr.	WAC 173-401-533(2)(r)
Pressure Washers: 2 (paint booth & cleaning pit), natural gas fired. Each at less than five million Btu/hr.	WAC 173-401-533(2)(r)
Welding equipment: Less than 1 ton per day of welding rod is used.	WAC 173-401-533(2)(i)
Two Diesel Fuel Aboveground Storage Tanks, 1 @ 5,000 gallons and 1 @ 7,500 gallons: Tank capacity is less than ten thousand gallons and stores a VOC with a vapor pressure less than 80mm Hg at 21C.	WAC 173-401-533(2)(c)
Fire Pump Diesel Tank, 320 gallons: Tank capacity is less than ten thousand gallons and stores a VOC with a vapor pressure less than 80mm Hg @ 21C.	WAC 173-401-533(2)(c)
Emergency Generator Diesel Fuel Tank, 210 gallons: Tank capacity is less than 260 gallons.	WAC 173-401-533(2)(a)
Propane Tank, 1,000 gallons.	WAC 173-401-533(2)(d)
Antifreeze Aboveground Storage Tank, 5,000 gallons: Tank capacity is less than ten thousand gallons and stores a VOC with a vapor pressure less than 80mm Hg at 21C.	WAC 173-401-533(2)(c)
Auto Transmission Fluid Aboveground Storage Tank, 1,000 gallons: Contains lubricating oil. Tank capacity is less than ten thousand gallons and stores a VOC with a vapor pressure less than 80mm Hg at 21C.	WAC 173-401-533(2)(c)

The following units and activities are listed as insignificant based on maximum rated capacity per WAC 173-401-533.	
Description	WAC 173-401-533(2)
Solvent Recovery Unit, 200 gallons	WAC 173-401-533(2)(a)
Recovered Solvent Tank, 500 gallons HAP-free solvent with vapor pressure ≤ 550 mm Hg	WAC 173-401-533(2)(b)
Waste Solvent Tank, 500 gallons HAP-free solvent with vapor pressure ≤ 550 mm Hg	WAC 173-401-533(2)(b)
Solvent Mixing/Storage Tank, 1,000 gallons HAP-free solvent with vapor pressure ≤ 550 mm Hg	WAC 173-401-533(2)(b)
Paint Mix Room Thinner Tank, 1,000 gallons HAP-free solvent with vapor pressure ≤ 550 mm Hg	WAC 173-401-533(2)(b)
Chassis Black Tank, 750 gallons HAP-free paint with vapor pressure ≤ 80 mm Hg	WAC 173-401-533(2)(b) WAC 173-401-533(2)(c)
Paint Activator Tank, 350 gallons, Vapor pressure ≤ 80 mm Hg	WAC 173-401-533(2)(c)
Paint Tanks, 7 @ 80 gallons each	WAC 173-401-533(2)(a)
Off-Highway Axle Weld Fume Collector	WAC 173-401-533(2)(i)
Small Electrical Power Generators: gasoline fired.	WAC 173-401-533(2)(f)
Small Parts Cleaner Tanks	WAC 173-401-533(2)(a) and WAC 173-401-533(2)(z)

Table 17 Categorically Exempt Insignificant Emission Units

The following units and activities are listed as categorically exemption insignificant emission units per WAC 173-401-532.	
Description	WAC 173-401-532
Cab Washer Dry-off Oven: Vent is located in building that contains permitted emissions units and activities from which local ventilation, controls and separate exhaust are provided.	WAC 173-401-532(9)
Lab Fume Hoods: Hood vents are located in building that contains permitted emissions units and activities from which local ventilation, controls and separate exhaust are provided.	WAC 173-401-532(9)
Motor Oil Aboveground Storage Tank: Contains lubricating oil.	WAC 173-401-532(3)
Gear Oil Aboveground Storage Tank: Contains lubricating oil.	WAC 173-401-532(3)
Axle Oil Aboveground Storage Tank: Contains lubricating oil.	WAC 173-401-532(3)
Frame Rail Washer Tank: 200 gallons, water, closed.	WAC 173-401-532(4)
Pressure Washer tanks: 2 @ 50 gallons each, water.	WAC 173-401-532(4)
Fire Protection Water Tank: 300,000 gallons, water	WAC 173-401-532(52) and WAC 173-401-532(4)
Welding Exhaust Dust Collectors: Collect particulate emissions from welding of metal. Activity is performed indoors with particulate emission control. The exhaust is within the building housing the activity and no fugitive particulate emissions enter the environment.	WAC 173-401-532(55)
Small Parts Blast Booth: Sanding, buffing, blasting of metals and plastics. Activity is performed indoors with particulate emission control. The exhaust is within the building housing the activity and no fugitive particulate emissions enter the environment.	WAC 173-401-532(55)
Paint Exhaust (Paint Mix Room, Paint Storage Room, Paint Day Room, Thinner Recycling Room, Hazardous Waste Room, Hazardous Materials Storage Room): Vents are located in building that contains permitted emissions units and activities from which local ventilation, controls and separate exhaust are provided.	WAC 173-401-532(9)
Thinner Sink Exhaust: Vent is located in building that contains permitted emissions units and activities from which local ventilation, controls and separate exhaust are provided.	WAC 173-401-532(9)
Vehicle exhaust from exhaust hoods and fume extractors at engine start-up, end-of-line, final assembly, test department, and dynamometer: Exhaust is from a mobile source powered by an internal combustion engine	WAC 173-401-532(10)
Paint Activator Totes: 259 gallons each, portable.	WAC 173-401-532(42)
Chassis Black Totes: 500 gallons each, portable.	WAC 173-401-532(42)
Battery Wash Tank, contaminated water, closed, 125 gallons.	WAC 173-401-532(4)

The following units and activities are listed as categorically exemption insignificant emission units per WAC 173-401-532.	
Description	WAC 173-401-532
Moly Grease Tote, 379 gallons, portable.	WAC 173-401-532 (4), (42), and (69).
Antifreeze Totes, (ethylene glycol), 275 gallons, portable.	WAC 173-401-532 (42)
Antifreeze Tank, (ethylene glycol), closed, 100 gallons.	WAC 173-401-532 (4)
Refrigerant Tanks, (R-134a): 2,000 pounds each, portable.	WAC 173-401-532 (42)
Nitrogen Tank, pressurized, 200 gallons.	WAC 173-401-532 (5)
Paint Booth Maskant Tank, closed, 200 gallons.	WAC 173-401-532 (4)
Waterwash Paint Booth Sump, contaminated water, sludge collection, 12,500 gallons	WAC 173-401-532(114)
Stormwater Storage Tank, closed, 15,000 gallons.	WAC 173-401-532 (4)
Wastewater Effluent Tank, closed, treated wastewater, 3,000 gallons.	WAC 173-401-532 (94)
Wastewater Batch Tanks (2), closed, contaminated wastewater, 65,000 gallons each.	WAC 173-401-532 (94)
Sand Filter, treated wastewater, 4,500 gallons.	WAC 173-401-532(114)
Gravity Settler, treated wastewater, 15,000 gallons.	WAC 173-401-532(114)
Oil/Water Decant Tank, closed, contaminated wastewater, 3,000 gallons.	WAC 173-401-532 (94)
Oil/Water Separator, closed, contaminated wastewater, 1,000 gallons.	WAC 173-401-532 (94)
Oil/Water Separator Filtrate Tank, contaminated wastewater, 90 gallons.	WAC 173-401-532 (94)
Wastewater Chemical Treatment Tank, contaminated wastewater, 3,000 gallons.	WAC 173-401-532 (94) and (114)
Filter Press Tank, wastewater treatment sludge, 150 gallons.	WAC 173-401-532 (94) and (114)
Sludge Tank, wastewater treatment sludge, 5,000 gallons.	WAC 173-401-532 (94) and (114)
Coagulant Drum, wastewater treatment chemical, 55 gallons, portable	WAC 173-401-532 (42)
Lime Slurry Tank, closed, wastewater treatment chemical, 90 gallons.	WAC 173-401-532 (4)
Polymer Tank, closed, wastewater treatment chemical, 90 gallons.	WAC 173-401-532 (4)
Coagulant Drum, wastewater treatment chemical, 55 gallons, portable.	WAC 173-401-532 (42)
Sodium Hydroxide Tank, closed, wastewater treatment chemical.	WAC 173-401-532 (4)

The following units and activities are listed as categorically exemption insignificant emission units per WAC 173-401-532.	
Description	WAC 173-401-532
Sulfuric Acid Tank, closed, wastewater treatment chemical.	WAC 173-401-532 (4)
Reverse Osmosis Water Tank, closed, 3,297 gallons.	WAC 173-401-532 (94)
5% Sulfuric Acid Tank, closed, wastewater treatment chemical, 50 gallons.	WAC 173-401-532 (4)
Cooling Water Pumping Unit, non-contact cooling water, 2,230 gallons.	WAC 173-401-532 (121)
Cooling Tower, non-contact cooling water, 3,000 gallons.	WAC 173-401-532 (121)
Truck Leak Test Water Tank, closed, wastewater, 800 gallons.	WAC 173-401-532 (94)
Waste Antifreeze Tank: closed, 200 gallons.	WAC 173-401-532 (4)