



AIR OPERATING PERMIT

Puget Sound Clean Air Agency
1904 Third Avenue, Suite 105
Seattle, WA 98101-3317

This permit has been issued in accordance with the provisions of Puget Sound Clean Air Agency (previously known as Puget Sound Air Pollution Control Agency (PSAPCA)) 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) is authorized to operate subject to the terms and conditions in this permit.

PERMIT NO.: 17796

**DATE OF ISSUANCE: February 22, 2007;
Administrative Amendment: June 10, 2008**

ISSUED TO: Kenworth Truck Company (Renton)

PERMIT EXPIRATION DATE: February 22, 2012

NAICS Code, Primary: 33612 (formerly SIC 3711)
Nature of Business: Heavy Duty Truck Manufacturing
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I. EMISSION LIMITS AND PERFORMANCE STANDARDS

The following tables list the citation for each “applicable requirement” in the second column. This can be a Puget Sound Clean Air Agency requirement, a Washington State Department of Ecology requirement, or a federal requirement. All requirements are federally enforceable unless they are identified in column two by the words “*STATE ONLY*.”

The third column (Date) contains the adoption or effective date of the requirement. 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 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. When the EPA does approve the new requirement into the SIP, the old requirement will be replaced and superseded by the new requirement. This replacement will take place automatically, with no changes being made to this permit until the permit is renewed. The new requirement will be enforceable by the EPA as well as the Puget Sound Clean Air Agency from the date that it is adopted into the SIP, and the old requirement will no longer be an applicable requirement.

The first column is used as an identifier for the requirement, and the fourth (Requirement Paraphrase) column paraphrases the requirement. The first and fourth columns are for information only and are not enforceable conditions of this permit. The actual enforceable requirement is embodied in the requirement cited in the second and third columns.

The fifth column (Monitoring, Maintenance & Recordkeeping Method) identifies the methods described in Section II of the permit. Following these methods is required to “reasonably assure continuous compliance” with, and is an enforceable requirement of, this air operating permit. Note that all inspections, tests, and other actions must be documented (see paragraph 4 of Subsection V.O for specific requirements).

The sixth (Emission Standard Period) column identifies the averaging time for the reference test method. The last column (Reference Test Method) identifies the reference method associated with an applicable emission limit that is to be used if and when a source test is required. In some cases where the applicable requirement does not cite a test method, one has been added.

In the event of conflict or omission between the information contained in the fourth and sixth columns 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 and third columns, refer to the actual requirements cited.

A. Facility-Wide Emissions Limits

The requirements in this section apply facility-wide to all the emission units regulated by this permit except that monitoring methods specified elsewhere in the permit for specific applicable requirements for specific emission units or activities supersede the general monitoring requirements listed in Section I.A.

Table 1 Facility-Wide Applicable Requirements

Reqmnt No.	Enforceable Requirement	Adoption or Effective Date	Requirement Paraphrase (Information Only)	Monitoring, Maintenance & Recordkeeping Method (See Section II)	Emission Standard Period	Reference Test Method
General						
I.A.1	WAC 173-400-040 WAC 173-400-040 (STATE ONLY)	9/23/93 2/10/05	When two or more emissions units are connected to a common stack and the operator elects not to provide the means or facilities to sample emissions from the individual units, and the relative contributions of the individual emissions units to the common discharge are not readily distinguishable, then the emissions of the common stack must meet the most restrictive standard of any of the connected emissions units. All emissions units are required to use RACT.	No monitoring required	N/A	N/A

Reqmnt No.	Enforceable Requirement	Adoption or Effective Date	Requirement Paraphrase (Information Only)	Monitoring, Maintenance & Recordkeeping Method (See Section II)	Emission Standard Period	Reference Test Method
Opacity Standards						
I.A.2	Puget Sound Clean Air Agency Reg I: 9.03 (except for 9.03(e)) Puget Sound Clean Air Agency Reg. I: 9.03 <i>(STATE ONLY)</i> WAC 173-400-040(1) WAC 173-400-040(1) <i>(STATE ONLY)</i>	3/11/99 3/25/04 9/23/93 2/10/05	Kenworth shall not emit any air pollutants which exhibit greater than 20% opacity for a period or periods aggregating more than 3 minutes in any hour.	II.A.1(a) Opacity Monitoring	More than 3 min. in any 1 hr	Ecology Reference Method 9A, 7/12/1990 (See Section IX.A.2)

Reqmnt No.	Enforceable Requirement	Adoption or Effective Date	Requirement Paraphrase (Information Only)	Monitoring, Maintenance & Recordkeeping Method (See Section II)	Emission Standard Period	Reference Test Method
Particulate Standards						
I.A.3	Puget Sound Clean Air Agency Reg I: 9.09	4/9/98	<p>It shall be unlawful for any person to cause or allow the emission of particulate matter in excess of the following concentrations:</p> <p>Refuse Burning Equipment:</p> <ol style="list-style-type: none"> 1. Rated at 12 tons per day or less without heat recovery and without hydrochloric acid control equipment..... 0.10 gr/dscf @ 7% O2 2. Rated at 12 tons per day or less without heat recovery and with hydrochloric acid control equipment..... 0.05 gr/dscf @ 7% O2 3. Rated at 12 tons per day or less with heat recovery 0.02 gr/dscf @ 7% O2 4. Rated at greater than 12 tons per day 0.01 gr/dscf @ 7% O2 <p>Fuel Burning Equipment:</p> <ol style="list-style-type: none"> 1. Burning wood 0.20 gr/dscf @ 7% O2 2. Burning wood and installed after March 13, 1968 or located within the urbanized area 0.10 gr/dscf @ 7% O2 3. Burning wood, rated at 100 million Btu per hour or greater, and located within the urbanized area 0.04 gr/dscf @ 7% O2 4. Burning wood and installed after March 1, 1986 0.02 gr/dscf @ 7% O2 5. Burning fuel other than wood 0.05 gr/dscf @ 7% O2 6. Burning coal or other solid fossil fuel and installed after March 1, 1986 0.01 gr/dscf @ 7% O2 <p>Equipment Used in a Manufacturing Process: 0.05 gr/dscf</p>	<p>II.A.1(a) Opacity Monitoring</p> <p>II.A.2(g) Dust Collectors</p>	(3) 1-hour runs	Puget Sound Clean Air Agency Method 5 (See Section IX.A.1)

Reqmnt No.	Enforceable Requirement	Adoption or Effective Date	Requirement Paraphrase (Information Only)	Monitoring, Maintenance & Recordkeeping Method (See Section II)	Emission Standard Period	Reference Test Method
I.A.4	WAC 173-400-060 WAC 173-400-060 (STATE ONLY).	3/22/91 2/10/05	Kenworth shall not emit particulate matter in excess of 0.1 gr/dscf uncorrected for excess air from general process units.	II.A.1(c) Facility-Wide Inspections	(3) 1-hour runs	EPA Method 5 (40 CFR Part 60, Appendix A, July 1, 2006)
I.A.5	WAC 173-400-050(1) WAC 173-400-050(1) (STATE ONLY).	3/22/91 2/10/05	Kenworth shall not emit particulate matter in excess of 0.1 gr/dscf corrected to 7% O ₂ from combustion and incineration units.	II.A.1(c) Facility-Wide Inspections	(3) 1-hour runs	EPA Method 5 (40 CFR Part 60, Appendix A, July 1, 2006)
SO₂ Standards						
I.A.6	Puget Sound Clean Air Agency Reg I: 9.07 WAC 173-400-040(6) first paragraph only. WAC 173-400-040(6) (STATE ONLY)	4/14/94 9/23/93 2/10/05	Kenworth shall not emit SO ₂ in excess of 1,000 ppmv (dry) corrected to 7% O ₂ for fuel burning equipment.	No monitoring required	(3) 1-hour runs	EPA Method 6C (40 CFR Part 60, Appendix A, July 1, 2006)
HCl Standards						
I.A.7	Puget Sound Clean Air Agency Reg. I: 9.10(a) (STATE ONLY)	6/9/88	Kenworth shall not emit HCl in excess of 100 ppm (dry) corrected to 7% O ₂ for combustion sources.	No monitoring required	(3) 1-hour runs	EPA Method 26 or 26A (40 CFR Part 60, Appendix A; July 1, 2003)

Reqmnt No.	Enforceable Requirement	Adoption or Effective Date	Requirement Paraphrase (Information Only)	Monitoring, Maintenance & Recordkeeping Method (See Section II)	Emission Standard Period	Reference Test Method
Nuisance Standards						
I.A.8	WAC 173-400-040(5) <i>Puget Sound Clean Air Agency Reg. I: 9.11 (STATE ONLY)</i> WAC 173-400-040(5) (STATE ONLY) WAC 173-400-040(2) (STATE ONLY) RCW 70.94.040 (STATE ONLY)	8/20/93 3/11/99 2/10/05 2/10/05 1996	Kenworth shall not emit air contaminants 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.	II.A.1(b) Complaint Response II.A.1(c) Facility-Wide Inspections	NA	NA
I.A.9	WAC 173-400-040(4) (STATE ONLY)	2/10/05	Kenworth shall use recognized good practice and procedures to reduce to a minimum odors which may unreasonably interfere with any other property owners' use and enjoyment of their property.	II.A.1(b) Complaint Response II.A.1(c) Facility-Wide Inspections	NA	NA
Fugitive Emissions Standards						
I.A.10	WAC 173-400-040(3) WAC 173-400-040(3) (STATE ONLY) WAC 173-400-040(8) WAC 173-400-040(8) (STATE ONLY)	9/23/93 2/10/05 9/23/93 2/10/05	Kenworth shall not emit visible dust unless reasonable precautions are employed to minimize emissions.	II.A.1(b) Complaint Response II.A.1(c) Facility-Wide Inspections	NA	NA

Reqmnt No.	Enforceable Requirement	Adoption or Effective Date	Requirement Paraphrase (Information Only)	Monitoring, Maintenance & Recordkeeping Method (See Section II)	Emission Standard Period	Reference Test Method
I.A.11	Puget Sound Clean Air Agency Reg. I: 9.15	3/11/99	<p>(a) Kenworth 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:</p> <ol style="list-style-type: none"> (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. <p>(b) Compliance with the provisions of this section shall not relieve Kenworth of the responsibility of complying with Reg. I:9.11.</p>	<p>II.A.1(b) Complaint Response</p> <p>II.A.1(c) Facility-Wide Inspections</p>	NA	NA

Reqmnt No.	Enforceable Requirement	Adoption or Effective Date	Requirement Paraphrase (Information Only)	Monitoring, Maintenance & Recordkeeping Method (See Section II)	Emission Standard Period	Reference Test Method
Operations and Maintenance Standards						
I.A.12	Puget Sound Clean Air Agency Reg. I: 9.20(b)	6/9/88	Kenworth shall maintain equipment as defined in Section 1.07 or control equipment not subject to Puget Sound Clean Air Agency Reg. I, Section 9.20(a) in good working order.	II.A Minimum Monitoring and Maintenance Requirements	N/A	N/A
I.A.13	Puget Sound Clean Air Agency Reg. I: 7.09(b)	9/10/98	Kenworth shall develop and implement an O&M Plan to assure continuous compliance with Puget Sound Clean Air Agency Regulations I, II and III.	II.B Operation and Maintenance (O&M) Plan Requirements	NA	NA
I.A.14	RCW 70.94.152(7) <i>STATE ONLY</i>	1996	Must maintain and operate equipment requiring an NOC in good working order.	II.B. Operation and Maintenance (O&M) Plan Requirements	NA	NA
I.A.15	RCW 70.94.040 <i>(STATE ONLY)</i>	1996	Except where specified in a variance permit, as provided in RCW 70.94.181 , it shall be unlawful for any person to cause air pollution or permit it to be caused in violation of chapter 70.94 RCW, or of any ordinance, resolution, rule or regulation validly promulgated thereunder.	II.A.1(b) Complaint Response II.A.1(c) Facility-Wide Inspections	N/A	N/A
Plantwide VOC Cap						
I.A.16	Order of Approval No. 6074 Condition No. 3	8/8/03	Kenworth shall not exceed 383 tons per year of VOC emissions and shall record monthly coatings and thinner usage. A 12-month running total shall be kept on record at the plant. Kenworth shall report monthly VOC emissions for the previous 12 months within 30 days after the end of any 12 consecutive month period that VOC emissions exceed 345 tons.	II.A.2(a) CPIS (Chemical Procurement Information Sheet) System II.A.2(b) Coating Consumption/VOC Quantification Plan	NA	NA

Reqmnt No.	Enforceable Requirement	Adoption or Effective Date	Requirement Paraphrase (Information Only)	Monitoring, Maintenance & Recordkeeping Method (See Section II)	Emission Standard Period	Reference Test Method
I.A.17	General Regulatory Order No. 8884 Condition No. 1	7/24/03	Kenworth shall limit facility-wide emissions of HAPs to no greater than 9.8 tons of any single HAP and no greater than 24.5 tons of all HAP during any 12 consecutive months.	II.A.2(b)(v) Calculation of monthly total of each HAP and total HAP emissions	NA	NA

NA = Not applicable.

B. EMISSION UNIT SPECIFIC APPLICABLE REQUIREMENTS

The requirements in Section I.B. only apply to the specific emission units cited; however, the requirements in Section I.A. also apply to the specific emission units or activities described in Section I.B. If the monitoring, maintenance and recordkeeping method for any requirement in Section I.A. was more extensive for specific emission units, the requirement was repeated in this section with the additional monitoring, maintenance and recordkeeping requirements.

1. Emission Unit No. 1 (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 and may be relocated throughout the site. 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. VOC coatings may be applied with conventional guns to undercarriages of trucks. Ventilation hoods with no air pollution controls may be included in these areas for worker safety and comfort but these are insignificant emission units. Functionally similar equipment and processes may be added to this emission unit after complying with Section IV of the AOP.

Table 2 EU-1 Assembly Operations: Highway and Off-Highway Trucks

Reqmnt No.	Enforceable Requirement	Adoption or Effective Date	Requirement Paraphrase (Information Only)	Monitoring, Maintenance & Recordkeeping Method (See Section II)	Emission Standard Period	Reference Test Method
EU-1.1	Puget Sound Clean Air Agency Reg II: 3.04(a) & (b) Puget Sound Clean Air Agency Reg II: 3.04(a) (STATE ONLY)	12/9/93 7/24/03	Vehicles shall not be coated with coating that has a VOC content in excess of that allowed.	II.A.2(a) CPIS (Chemical Procurement Information Sheet) System II.A.2(b) Coating Consumption/VOC Quantification Plan	NA	EPA Method 24, 40 CFR Part 60, Appendix A, July 1, 2006

Reqmnt No.	Enforceable Requirement	Adoption or Effective Date	Requirement Paraphrase (Information Only)	Monitoring, Maintenance & Recordkeeping Method (See Section II)	Emission Standard Period	Reference Test Method
EU-1.2	Puget Sound Clean Air Agency Reg II: 3.04(c) Puget Sound Clean Air Agency Reg II: 3.04(b) (<i>STATE ONLY</i>)	12/9/93 7/24/03	Specialty coatings shall not have VOC content in excess of 7.0 lb/gal. Specialty coatings shall not exceed 5.0% of all coatings on daily basis. Specialty coatings shall not have a VOC content in excess of 7.0 lb/gal. Except for antiglare/safety coatings, specialty coatings shall not exceed 5.0% of all coatings on a monthly basis.	II.A.2(a) CPIS (Chemical Procurement Information Sheet) System II.A.2(b) Coating Consumption/VOC Quantification Plan	NA	EPA Method 24, 40 CFR Part 60, Appendix A, July 1, 2006
EU-1.3	Puget Sound Clean Air Agency Reg II: 3.04(d) Puget Sound Clean Air Agency Reg II: 3.04(c) (<i>STATE ONLY</i>)	12/9/93 7/24/03	VOC content of each regulated coating and compliance calculations must be available to Agency personnel upon request.	II.A.2(a) CPIS (Chemical Procurement Information Sheet) System II.A.2(b) Coating Consumption/VOC Quantification Plan	NA	EPA Method 24, 40 CFR Part 60, Appendix A, July 1, 2006
EU-1.4	General Regulatory Order No. 8344 Condition No. 1	7/24/03	Kenworth may use acetone and other negligibly reactive compounds as substitutes for hazardous air pollutant (HAP)- and volatile organic compounds (VOC)-classified solvents in topcoats, primers, gun wash thinner, and other products. Negligibly reactive compounds do not need to be counted when calculating VOC content of coatings.	II.A.2(a) CPIS (Chemical Procurement Information Sheet) System II.A.2(b) Coating Consumption/VOC Quantification Plan	NA	EPA Method 24, 40 CFR Part 60, Appendix A, July 1, 2006

Reqmnt No.	Enforceable Requirement	Adoption or Effective Date	Requirement Paraphrase (Information Only)	Monitoring, Maintenance & Recordkeeping Method (See Section II)	Emission Standard Period	Reference Test Method
EU-1.5	Puget Sound Clean Air Agency Reg II: 3.04(e)	12/9/93	VOC-containing material shall be applied to vehicles and mobile equipment by approved method.	II.A.2(b) Coating Consumption/VOC Quantification Plan II.A.2(e) Alternate Means of Compliance	NA	EPA Method 24, 40 CFR Part 60, Appendix A, July 1, 2006
	Puget Sound Clean Air Agency Reg II: 3.04(d) (STATE ONLY)	7/24/03				
	Puget Sound Clean Air Agency Reg I: 3.23 (STATE ONLY)	9/12/96	Other emission control methods may be employed to achieve compliance if they are demonstrated to be just as effective and are included in a Puget Sound Clean Air Agency Regulatory Order or permit.			
	General Regulatory Order No. 8344 Condition No. 2	7/24/03	As an alternate means of compliance, Kenworth may use conventional spray equipment provided Kenworth shall not apply coatings with conventional spray equipment that exceed the following VOC content (excluding water and negligibly reactive compounds): (a) For Topcoat Paints: 3.5 pounds per gallon; and (b) For Primers: 3.5 pounds per gallon. VOC shall not exceed 6.0 lb/gal, (except for specialty coatings) when using HVLP or equivalent equipment; 3.5 lb/gal when using conventional spray equipment to apply material to vehicles and mobile equipment.			
EU-1.6	Puget Sound Clean Air Agency Reg II: 3.04(f)	12/9/93	Any VOC-containing material used for equipment cleanup shall be contained and collected in closed containers.	II.A.1(c) Facility-Wide Inspections II.A.2(d) Certification and Training Program	NA	NA
	Puget Sound Clean Air Agency Reg II: 3.04(e) (STATE ONLY)	7/24/03				

Reqmnt No.	Enforceable Requirement	Adoption or Effective Date	Requirement Paraphrase (Information Only)	Monitoring, Maintenance & Recordkeeping Method (See Section II)	Emission Standard Period	Reference Test Method
EU-1.7	Puget Sound Clean Air Agency Reg II: 3.04(g) Puget Sound Clean Air Agency Reg II: 3.04(f) <i>(STATE ONLY)</i>	12/9/93 7/24/03	Closed containers shall be used for storage or disposal of VOC-containing materials.	II.A.1(c) Facility-Wide Inspections II.A.2(d) Certification and Training Program	NA	NA

NA = Not Applicable

2. Emission Unit No. 2 (EU-2): Materials Work

This emission unit consists of activities associated with truck component fabrication in Building 1; however, equipment may be relocated within the site boundaries. 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 operate within this emission unit; however, they contain a low VOC product that renders cold cleaner regulations inapplicable. Functionally similar equipment and processes may be added to this emission unit after complying with Section IV of the AOP.

Table 3 EU-2 Materials Work

Reqmnt No.	Enforceable Requirement	Adoption or Effective Date	Requirement Paraphrase (Information Only)	Monitoring, Maintenance & Recordkeeping Method (See Section II)	Emission Standard Period	Reference Test Method
EU-2.1	Puget Sound Clean Air Agency Reg II: 3.04(f) Puget Sound Clean Air Agency Reg II: 3.04(e) (STATE ONLY)	12/9/93 7/24/03	Any VOC-containing material used for equipment cleanup shall be contained and collected in closed containers.	II.A.1(c) Facility-Wide Inspections II.A.2(d) Certification and Training Program	NA	NA
EU-2.2	Puget Sound Clean Air Agency Reg II: 3.04(g) Puget Sound Clean Air Agency Reg II: 3.04(f) (STATE ONLY)	12/9/93 7/24/03	Closed containers shall be used for storage or disposal of VOC-containing materials.	II.A.1(c) Facility-Wide Inspections II.A.2(d) Certification and Training Program	NA	NA

NA = Not applicable.

3. Emission Unit No. 3 (EU-3): Surface Prep: Truck Components

This emission unit consists of activities associated with preparing truck components for coating operations. Activities currently are located in Building 1; however, equipment may be relocated within the site boundary. Activities in surface preparation include assembly, joining, filling, grinding, sanding, and washing and sealing. The Cab Washer Dry-off oven is an insignificant emission unit. Included in this emission unit are:

- Two Prep Booths and a Vacuum System with Dust Collection;
- Chassis Prep Booth and Prep Seal and Wash Booth;
- Bump and Grind Prep Booth;
- Sand and Repair Prep Booth; and
- Cab Prime Sand/Prep Booth.

Functionally similar equipment and processes may be added to this emission unit after complying with Section IV of the AOP.

Table 4 EU-3 Surface Prep: Truck Components

Reqmnt No.	Enforceable Requirement	Adoption or Effective Date	Requirement Paraphrase (Information Only)	Monitoring, Maintenance & Recordkeeping Method (See Section II)	Emission Standard Period	Reference Test Method
EU-3.1	Puget Sound Clean Air Agency Reg II: 3.04(f) Puget Sound Clean Air Agency Reg II: 3.04(e) <i>(STATE ONLY)</i>	12/9/93 7/24/03	Any VOC-containing material used for equipment cleanup shall be contained and collected in closed containers.	II.A.1(c) Facility-Wide Inspections II.A.2(d) Certification and Training Program	NA	NA

Reqmnt No.	Enforceable Requirement	Adoption or Effective Date	Requirement Paraphrase (Information Only)	Monitoring, Maintenance & Recordkeeping Method (See Section II)	Emission Standard Period	Reference Test Method
EU-3.2	Puget Sound Clean Air Agency Reg II: 3.04(g)	12/9/93	Closed containers shall be used for storage or disposal of VOC-containing materials.	II.A.1(c) Facility-Wide Inspections	NA	NA
	Puget Sound Clean Air Agency Reg II: 3.04(f) (STATE ONLY)	7/24/03		II.A.2(d) Certification and Training Program		

NA = Not applicable.

4. Emission Unit No. 4 (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. The emission unit includes a Truck Chassis Dry Filter Paint Booth with Paint Drying Oven. The paint solvent system delivers solvent to this emission unit area for cleaning purposes; however, it is included in its own emission unit, EU-8. Although not likely, surface coating booths and associated equipment may be relocated within the site boundaries. Functionally similar equipment and processes may be added to this emission unit after complying with Section IV of the AOP.

Table 5 EU-4 Coating Operations: Truck Components & Chassis

Reqmnt No.	Enforceable Requirement	Adoption or Effective Date	Requirement Paraphrase (Information Only)	Monitoring, Maintenance & Recordkeeping Method (See Section II)	Emission Standard Period	Reference Test Method
EU-4.1	Puget Sound Clean Air Agency Reg II: 3.04(a) & (b)	12/9/93	Vehicles shall not be coated with coating that has a VOC content in excess of that allowed.	II.A.2(a) CPIS (Chemical Procurement Information Sheet) System	NA	EPA Method 24, 40 CFR Part 60, Appendix A, July 1, 2006
	Puget Sound Clean Air Agency Reg II: 3.04(a) (STATE ONLY)	7/24/03		II.A.2(b) Coating Consumption/VOC Quantification Plan		

Reqmnt No.	Enforceable Requirement	Adoption or Effective Date	Requirement Paraphrase (Information Only)	Monitoring, Maintenance & Recordkeeping Method (See Section II)	Emission Standard Period	Reference Test Method
EU-4.2	Puget Sound Clean Air Agency Reg II: 3.04(c) Puget Sound Clean Air Agency Reg II: 3.04(b) <i>(STATE ONLY)</i>	12/9/93 7/24/03	Specialty coatings shall not have a VOC content in excess of 7.0 lb/gal. Specialty coatings shall not exceed 5.0% of all coatings on daily basis. Specialty coatings shall not have a VOC content in excess of 7.0 lb/gal. Except for antiglare/safety coatings, specialty coatings shall not exceed 5.0% of all coatings on a monthly basis.	II.A.2(a) CPIS (Chemical Procurement Information Sheet) System II.A.2(b) Coating Consumption/VOC Quantification Plan	NA	EPA Method 24, 40 CFR Part 60, Appendix A, July 1, 2006
EU-4.3	Puget Sound Clean Air Agency Reg II: 3.04(d) Puget Sound Clean Air Agency Reg II: 3.04(c) <i>(STATE ONLY)</i>	12/9/93 7/24/03	VOC content of each regulated coating and compliance calculations must be available to Agency personnel upon request.	II.A.2(a) CPIS (Chemical Procurement Information Sheet) System II.A.2(b) Coating Consumption/VOC Quantification Plan	NA	EPA Method 24, 40 CFR Part 60, Appendix A, July 1, 2006
EU-4.4	General Regulatory Order No. 8344 Condition No. 1	7/24/03	Kenworth may use acetone and other negligibly reactive compounds as substitutes for hazardous air pollutant (HAP)- and volatile organic compounds (VOC)-classified solvents in topcoats, primers, gun wash thinner, and other products. Negligibly reactive compounds do not need to be counted when calculating VOC content of coatings.	II.A.2(a) CPIS (Chemical Procurement Information Sheet) System II.A.2(b) Coating Consumption/VOC Quantification Plan	NA	EPA Method 24, 40 CFR Part 60, Appendix A, July 1, 2006

Reqmnt No.	Enforceable Requirement	Adoption or Effective Date	Requirement Paraphrase (Information Only)	Monitoring, Maintenance & Recordkeeping Method (See Section II)	Emission Standard Period	Reference Test Method
EU-4.5	Puget Sound Clean Air Agency Reg II: 3.04(e) Puget Sound Clean Air Agency Reg II: 3.04(d) <i>(STATE ONLY)</i> Puget Sound Clean Air Agency Reg I: 3.23 <i>(STATE ONLY)</i> General Regulatory Order No. 8344 Condition No. 2	12/9/93 7/24/03 9/12/96 7/24/03	VOC-containing material shall be applied to vehicles and mobile equipment by approved method. Other emission control methods may be employed to achieve compliance if they are demonstrated to be just as effective and are included in a Puget Sound Clean Air Agency Regulatory Order or permit. As an alternate means of compliance, Kenworth may use conventional spray equipment provided Kenworth shall not apply coatings with conventional spray equipment that exceed the following VOC content (excluding water and negligibly reactive compounds): (a) For Topcoat Paints: 3.5 pounds per gallon; and (b) For Primers: 3.5 pounds per gallon. VOC shall not exceed 6.0 lb/gal, (except for specialty coatings) when using HVLP or equivalent equipment; 3.5 lb/gal when using conventional spray equipment to apply material to vehicles and mobile equipment.	II.A.2(b) Coating Consumption/VOC Quantification Plan II.A.2(e) Alternate Means of Compliance	NA	EPA Method 24, 40 CFR Part 60, Appendix A, July 1, 2006

Reqmnt No.	Enforceable Requirement	Adoption or Effective Date	Requirement Paraphrase (Information Only)	Monitoring, Maintenance & Recordkeeping Method (See Section II)	Emission Standard Period	Reference Test Method
EU-4.6	Puget Sound Clean Air Agency Reg II: 3.04(f) Puget Sound Clean Air Agency Reg II: 3.04(e) (STATE ONLY)	12/9/93 7/24/03	Any VOC-containing material used for equipment cleanup shall be contained and collected in closed containers.	II.A.1(c) Facility-Wide Inspections II.A.2(d) Certification and Training Program	NA	NA
EU-4.7	Puget Sound Clean Air Agency Reg II: 3.04(g) Puget Sound Clean Air Agency Reg II: 3.04(f) (STATE ONLY)	12/9/93 7/24/03	Closed containers shall be used for storage or disposal of VOC-containing materials.	II.A.1(c) Facility-Wide Inspections II.A.2(d) Certification and Training Program	NA	NA
EU-4.8	Order of Approval No. 6074 Condition No. 4	8/8/03	Kenworth shall not apply coatings which exceed the following VOC content (excluding water and negligibly reactive compounds): (a) for Topcoat Paints: 3.5 pounds per gallon; (b) for Primers: 6.0 pounds per gallon when applied with HVLP or equivalent equipment; 3.5 pounds per gallon when such coatings are developed; (c) for Chassis Primers: 3.5 pounds per gallon; and (d) for Specialty Coatings: 7.0 pounds per gallon when applied with HVLP or equivalent equipment.	II.A.2(a) CPIS (Chemical Procurement Information Sheet) System II.A.2(b) Coating Consumption/VOC Quantification Plan	NA	EPA Method 24, 40 CFR Part 60, Appendix A, July 1, 2006
EU-4.9	Puget Sound Clean Air Agency Reg. I: 7.09(b)	9/10/98	The O&M Plan must identify how spray booth maintenance will assure continuous compliance with Puget Sound Clean Air Agency Regulations I, II and III.	II.A.2(f) Spray Coating	NA	NA

NA = Not applicable.

5. Emission Unit No. 5 (EU-5): Coating Operations: Truck Components & Small Parts

This emission unit includes cleaning and surface coating activities of truck components. Although not likely, surface coating booths and associated equipment may be relocated within the site boundaries. Functionally similar equipment and processes may be added to this emission unit after complying with Section IV of the AOP.

Table 6 EU-5 Coating Operations: Truck Components & Small Parts

Reqmnt No.	Enforceable Requirement	Adoption or Effective Date	Requirement Paraphrase (Information Only)	Monitoring, Maintenance & Recordkeeping Method (See Section II)	Emission Standard Period	Reference Test Method
EU-5.1	Puget Sound Clean Air Agency Reg II: 3.04(a) & (b) Puget Sound Clean Air Agency Reg II: 3.04(a) (STATE ONLY)	12/9/93 7/24/03	Vehicles shall not be coated with coating that has a VOC content in excess of that allowed.	II.A.2(a) CPIS (Chemical Procurement Information Sheet) System II.A.2(b) Coating Consumption/VOC Quantification Plan	NA	EPA Method 24, 40 CFR Part 60, Appendix A, July 1, 2006
EU-5.2	Puget Sound Clean Air Agency Reg II: 3.04(c) Puget Sound Clean Air Agency Reg II: 3.04(b) (STATE ONLY)	12/9/93 7/24/03	Specialty coatings shall not have a VOC content in excess of 7.0 lb/gal. Specialty coatings shall not exceed 5.0% of all coatings on daily basis. Specialty coatings shall not have a VOC content in excess of 7.0 lb/gal. Except for antiglare/safety coatings, specialty coatings shall not exceed 5.0% of all coatings on a monthly basis.	II.A.2(a) CPIS (Chemical Procurement Information Sheet) System II.A.2(b) Coating Consumption/VOC Quantification Plan	NA	EPA Method 24, 40 CFR Part 60, Appendix A, July 1, 2006
EU-5.3	Puget Sound Clean Air Agency Reg II: 3.04(d) Puget Sound Clean Air Agency Reg II: 3.04(c) (STATE ONLY)	12/9/93 7/24/03	VOC content of each regulated coating and compliance calculations must be available to Agency personnel upon request.	II.A.2(a) CPIS (Chemical Procurement Information Sheet) System II.A.2(b) Coating Consumption/VOC Quantification Plan	NA	EPA Method 24, 40 CFR Part 60, Appendix A, July 1, 2006

Reqmnt No.	Enforceable Requirement	Adoption or Effective Date	Requirement Paraphrase (Information Only)	Monitoring, Maintenance & Recordkeeping Method (See Section II)	Emission Standard Period	Reference Test Method
EU-5.4	Puget Sound Clean Air Agency Reg II: 3.04(e) Puget Sound Clean Air Agency Reg II: 3.04(d) <i>(STATE ONLY)</i> Puget Sound Clean Air Agency Reg I: 3.23 <i>(STATE ONLY)</i> General Regulatory Order No. 8344 Condition No. 2	12/9/93 7/24/03 9/12/96 7/24/03	VOC-containing material shall be applied to vehicles and mobile equipment by approved method. Other emission control methods may be employed to achieve compliance if they are demonstrated to be just as effective and are included in a Puget Sound Clean Air Agency Regulatory Order or permit. As an alternate means of compliance, Kenworth may use conventional spray equipment provided Kenworth shall not apply coatings with conventional spray equipment that exceed the following VOC content (excluding water and negligibly reactive compounds): (a) For Topcoat Paints: 3.5 pounds per gallon; and (b) For Primers: 3.5 pounds per gallon. VOC shall not exceed 6.0 lb/gal, (except for specialty coatings) when using HVLP or equivalent equipment; 3.5 lb/gal when using conventional spray equipment to apply material to vehicles and mobile equipment.	II.A.2(b) Coating Consumption/VOC Quantification Plan II.A.2(e) Alternate Means of Compliance	NA	EPA Method 24, 40 CFR Part 60, Appendix A, July 1, 2006

Reqmnt No.	Enforceable Requirement	Adoption or Effective Date	Requirement Paraphrase (Information Only)	Monitoring, Maintenance & Recordkeeping Method (See Section II)	Emission Standard Period	Reference Test Method
EU-5.5	Puget Sound Clean Air Agency Reg II: 3.04(f) Puget Sound Clean Air Agency Reg II: 3.04(e) (STATE ONLY)	12/9/93 7/24/03	Any VOC-containing material used for equipment cleanup shall be contained and collected in closed containers.	II.A.1(c) Facility-Wide Inspections II.A.2(d) Certification and Training Program	NA	NA
EU-5.6	Puget Sound Clean Air Agency Reg II: 3.04(g) Puget Sound Clean Air Agency Reg II: 3.04(f) (STATE ONLY)	12/9/93 7/24/03	Closed containers shall be used for storage or disposal of VOC-containing materials.	II.A.1(c) Facility-Wide Inspections II.A.2(d) Certification and Training Program	NA	NA
EU-5.7	General Regulatory Order No. 8344 Condition No. 1	7/24/03	Kenworth may use acetone and other negligibly reactive compounds as substitutes for hazardous air pollutant (HAP)- and volatile organic compounds (VOC)-classified solvents in topcoats, primers, gun wash thinner, and other products. Negligibly reactive compounds do not need to be counted when calculating VOC content of coatings.	II.A.2(a) CPIS (Chemical Procurement Information Sheet) System II.A.2(b) Coating Consumption/VOC Quantification Plan	NA	EPA Method 24, 40 CFR Part 60, Appendix A, July 1, 2006

Reqmnt No.	Enforceable Requirement	Adoption or Effective Date	Requirement Paraphrase (Information Only)	Monitoring, Maintenance & Recordkeeping Method (See Section II)	Emission Standard Period	Reference Test Method
EU-5.8	Order of Approval No. 6074 Condition No. 4	8/8/03	<p>Kenworth shall not apply coatings which exceed the following VOC content (excluding water and negligibly reactive compounds):</p> <p>(a) for Topcoat Paints: 3.5 pounds per gallon;</p> <p>(b) for Primers: 6.0 pounds per gallon when applied with HVLP or equivalent equipment; 3.5 pounds per gallon when such coatings are developed;</p> <p>(c) for Chassis Primers: 3.5 pounds per gallon; and</p> <p>(d) for Specialty Coatings: 7.0 pounds per gallon when applied with HVLP or equivalent equipment.</p>	<p>II.A.2(a) CPIS (Chemical Procurement Information Sheet) System</p> <p>II.A.2(b) Coating Consumption/VOC Quantification Plan</p>	NA	EPA Method 24, 40 CFR Part 60, Appendix A, July 1, 2006
EU-5.9	Puget Sound Clean Air Agency Reg. I: 7.09(b)	9/10/98	The O&M Plan must identify how spray booth maintenance will assure continuous compliance with Puget Sound Clean Air Agency Regulations I, II and III	II.A.2(f) Spray Coating	NA	NA

NA = Not applicable

6. Emission Unit No. 6 (EU-6): 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. The paint solvent system delivers solvent to this emission unit area for cleaning purposes; however, it is included in its own emission unit (EU-8). Although not likely, surface coating booths and associated equipment may be relocated within the site boundaries. Functionally similar equipment and processes may be added to this emission unit after complying with Section IV of the AOP.

Table 7 EU-6 Coating Operations: Truck Components

Reqmnt No.	Enforceable Requirement	Adoption or Effective Date	Requirement Paraphrase (Information Only)	Monitoring, Maintenance & Recordkeeping Method (See Section II)	Emission Standard Period	Reference Test Method
EU-6.1	Puget Sound Clean Air Agency Reg II: 3.04(a) & (b)	12/9/93	Vehicles shall not be coated with coating that has a VOC content in excess of that allowed.	II.A.2(a) CPIS (Chemical Procurement Information Sheet) System	NA	EPA Method 24, 40 CFR Part 60, Appendix A, July 1, 2006
	Puget Sound Clean Air Agency Reg II: 3.04(a) (STATE ONLY)	7/24/03		II.A.2(b) Coating Consumption/VOC Quantification Plan		
EU-6.2	Puget Sound Clean Air Agency Reg II: 3.04(c)	12/9/93	Specialty coatings shall not have a VOC content in excess of 7.0 lb/gal. Specialty coatings shall not exceed 5.0% of all coatings on daily basis.	II.A.2(a) CPIS (Chemical Procurement Information Sheet) System	NA	EPA Method 24, 40 CFR Part 60, Appendix A, July 1, 2006
	Puget Sound Clean Air Agency Reg II: 3.04(b) (STATE ONLY)	7/24/03	Specialty coatings shall not have a VOC content in excess of 7.0 lb/gal. Except for antiglare/safety coatings, specialty coatings shall not exceed 5.0% of all coatings on a monthly basis.	II.A.2(b) Coating Consumption/VOC Quantification Plan		

Reqmnt No.	Enforceable Requirement	Adoption or Effective Date	Requirement Paraphrase (Information Only)	Monitoring, Maintenance & Recordkeeping Method (See Section II)	Emission Standard Period	Reference Test Method
EU-6.3	Puget Sound Clean Air Agency Reg II: 3.04(d) Puget Sound Clean Air Agency Reg II: 3.04(c) (STATE ONLY)	12/9/93 7/24/03	VOC content of each regulated coating and compliance calculations must be available to Agency personnel upon request.	II.A.2(a) CPIS (Chemical Procurement Information Sheet) System II.A.2(b) Coating Consumption/VOC Quantification Plan	NA	EPA Method 24, 40 CFR Part 60, Appendix A, July 1, 2006

Reqmnt No.	Enforceable Requirement	Adoption or Effective Date	Requirement Paraphrase (Information Only)	Monitoring, Maintenance & Recordkeeping Method (See Section II)	Emission Standard Period	Reference Test Method
EU-6.4	Puget Sound Clean Air Agency Reg II: 3.04(e) Puget Sound Clean Air Agency Reg II: 3.04(d) <i>(STATE ONLY)</i> Puget Sound Clean Air Agency Reg I: 3.23 <i>(STATE ONLY)</i> General Regulatory Order No. 8344 Condition No. 2	12/9/93 7/24/03 9/12/96 7/24/03	VOC-containing material shall be applied to vehicles and mobile equipment by approved method. Other emission control methods may be employed to achieve compliance if they are demonstrated to be just as effective and are included in a Puget Sound Clean Air Agency Regulatory Order or permit. As an alternate means of compliance, Kenworth may use conventional spray equipment provided Kenworth shall not apply coatings with conventional spray equipment that exceed the following VOC content (excluding water and negligibly reactive compounds): (a) For Topcoat Paints: 3.5 pounds per gallon; and (b) For Primers: 3.5 pounds per gallon. VOC shall not exceed 6.0 lb/gal, (except for specialty coatings) when using HVLP or equivalent equipment; 3.5 lb/gal when using conventional spray equipment to apply material to vehicles and mobile equipment.	II.A.2(b) Coating Consumption/VOC Quantification Plan II.A.2(e) Alternate Means of Compliance	NA	EPA Method 24, 40 CFR Part 60, Appendix A, July 1, 2006

Reqmnt No.	Enforceable Requirement	Adoption or Effective Date	Requirement Paraphrase (Information Only)	Monitoring, Maintenance & Recordkeeping Method (See Section II)	Emission Standard Period	Reference Test Method
EU-6.5	Puget Sound Clean Air Agency Reg II: 3.04(f) Puget Sound Clean Air Agency Reg II: 3.04(e) (STATE ONLY)	12/9/93 7/24/03	Any VOC-containing material used for equipment cleanup shall be contained and collected in closed containers.	II.A.1(c) Facility-Wide Inspections II.A.2(d) Certification and Training Program	NA	NA
EU-6.6	Puget Sound Clean Air Agency Reg II: 3.04(g) Puget Sound Clean Air Agency Reg II: 3.04(f) (STATE ONLY)	12/9/93 7/24/03	Closed containers shall be used for storage or disposal of VOC-containing materials.	II.A.1(c) Facility-Wide Inspections II.A.2(d) Certification and Training Program	NA	NA
EU-6.7	General Regulatory Order No. 8344 Condition No. 1	7/24/03	Kenworth may use acetone and other negligibly reactive compounds as substitutes for hazardous air pollutant (HAP)- and volatile organic compounds (VOC)-classified solvents in topcoats, primers, gun wash thinner, and other products. Negligibly reactive compounds do not need to be counted when calculating VOC content of coatings.	II.A.2(a) CPIS (Chemical Procurement Information Sheet) System II.A.2(b) Coating Consumption/VOC Quantification Plan	NA	EPA Method 24, 40 CFR Part 60, Appendix A, July 1, 2006

Reqmnt No.	Enforceable Requirement	Adoption or Effective Date	Requirement Paraphrase (Information Only)	Monitoring, Maintenance & Recordkeeping Method (See Section II)	Emission Standard Period	Reference Test Method
EU-6.8	Order of Approval No. 6074 Condition No. 4	8/8/03	<p>Kenworth shall not apply coatings which exceed the following VOC content (excluding water and negligibly reactive compounds):</p> <p>(a) for Topcoat Paints: 3.5 pounds per gallon;</p> <p>(b) for Primers: 6.0 pounds per gallon when applied with HVLP or equivalent equipment; 3.5 pounds per gallon when such coatings are developed;</p> <p>(c) for Chassis Primers: 3.5 pounds per gallon; and</p> <p>(d) for Specialty Coatings: 7.0 pounds per gallon when applied with HVLP or equivalent equipment.</p>	<p>II.A.2(a) CPIS (Chemical Procurement Information Sheet) System</p> <p>II.A.2(b) Coating Consumption/VOC Quantification Plan</p>	NA	EPA Method 24, 40 CFR Part 60, Appendix A, July 1, 2006
EU-6.9	Puget Sound Clean Air Agency Reg. I: 7.09(b)	9/10/98	The O&M Plan must identify how spray booth maintenance will assure continuous compliance with Puget Sound Clean Air Agency Regulations I, II and III.	II.A.2(f) Spray Coating	NA	NA

NA = Not applicable.

7. Emission Unit No. 7 (EU-7): 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. The paint solvent system delivers solvent to this emission unit area for cleaning purposes; however, it is included in its own emission unit, EU-8. Although unlikely, coating equipment may be relocated within the site boundaries. Functionally similar equipment and processes may be added to this emission unit after complying with Section IV of the AOP.

Table 8 EU-7 Coating Operations: Highway and Off-Highway Trucks And Touch-Up

Reqmnt No.	Enforceable Requirement	Adoption or Effective Date	Requirement Paraphrase (Information Only)	Monitoring, Maintenance & Recordkeeping Method (See Section II)	Emission Standard Period	Reference Test Method
EU-7.1	Puget Sound Clean Air Agency Reg II: 3.04(a) & (b)	12/9/93	Vehicles shall not be coated with coating that has a VOC content in excess of that allowed.	II.A.2(a) CPIS (Chemical Procurement Information Sheet) System II.A.2(b) Coating Consumption/VOC Quantification Plan	NA	EPA Method 24, 40 CFR Part 60, Appendix A, July 1, 2006
	Puget Sound Clean Air Agency Reg II: 3.04(a) (STATE ONLY)	7/24/03				
EU-7.2	Puget Sound Clean Air Agency Reg II: 3.04(c)	12/9/93	Specialty coatings shall not have a VOC content in excess of 7.0 lb/gal. Specialty coatings shall not exceed 5.0% of all coatings on daily basis.	II.A.2(a) CPIS (Chemical Procurement Information Sheet) System II.A.2(b) Coating Consumption/VOC Quantification Plan	NA	EPA Method 24, 40 CFR Part 60, Appendix A, July 1, 2006
	Puget Sound Clean Air Agency Reg II: 3.04(b) (STATE ONLY)	7/24/03	Specialty coatings shall not have a VOC content in excess of 7.0 lb/gal. Except for antiglare/safety coatings, specialty coatings shall not exceed 5.0% of all coatings on a monthly basis.			

Reqmnt No.	Enforceable Requirement	Adoption or Effective Date	Requirement Paraphrase (Information Only)	Monitoring, Maintenance & Recordkeeping Method (See Section II)	Emission Standard Period	Reference Test Method
EU-7.3	Puget Sound Clean Air Agency Reg II: 3.04(d) Puget Sound Clean Air Agency Reg II: 3.04(c) (STATE ONLY)	12/9/93 7/24/03	VOC content of each regulated coating and compliance calculations must be available to Agency personnel upon request.	II.A.2(a) CPIS (Chemical Procurement Information Sheet) System II.A.2(b) Coating Consumption/VOC Quantification Plan	NA	EPA Method 24, 40 CFR Part 60, Appendix A, July 1, 2006

Reqmnt No.	Enforceable Requirement	Adoption or Effective Date	Requirement Paraphrase (Information Only)	Monitoring, Maintenance & Recordkeeping Method (See Section II)	Emission Standard Period	Reference Test Method
EU-7.4	Puget Sound Clean Air Agency Reg II: 3.04(e) Puget Sound Clean Air Agency Reg II: 3.04(d) <i>(STATE ONLY)</i> Puget Sound Clean Air Agency Reg I: 3.23 <i>(STATE ONLY)</i> General Regulatory Order No. 8344 Condition No. 2	12/9/93 7/24/03 9/12/96 7/24/03	VOC-containing material shall be applied to vehicles and mobile equipment by approved method. Other emission control methods may be employed to achieve compliance if they are demonstrated to be just as effective and are included in a Puget Sound Clean Air Agency Regulatory Order or permit. As an alternate means of compliance, Kenworth may use conventional spray equipment provided Kenworth shall not apply coatings with conventional spray equipment that exceed the following VOC content (excluding water and negligibly reactive compounds): (a) For Topcoat Paints: 3.5 pounds per gallon; and (b) For Primers: 3.5 pounds per gallon. VOC shall not exceed 6.0 lb/gal, (except for specialty coatings) when using HVLP or equivalent equipment; 3.5 lb/gal when using conventional spray equipment to apply material to vehicles and mobile equipment.	II.A.2(b) Coating Consumption/VOC Quantification Plan II.A.2(e) Alternate Means of Compliance	NA	EPA Method 24, 40 CFR Part 60, Appendix A, July 1, 2006

Reqmnt No.	Enforceable Requirement	Adoption or Effective Date	Requirement Paraphrase (Information Only)	Monitoring, Maintenance & Recordkeeping Method (See Section II)	Emission Standard Period	Reference Test Method
EU-7.5	Puget Sound Clean Air Agency Reg II: 3.04(f) Puget Sound Clean Air Agency Reg II: 3.04(e) <i>(STATE ONLY)</i>	12/9/93 7/24/03	Any VOC-containing material used for equipment cleanup shall be contained and collected in closed containers.	II.A.1(c) Facility-Wide Inspections II.A.2(d) Certification and Training Program	NA	NA
EU-7.6	Puget Sound Clean Air Agency Reg II: 3.04(g) Puget Sound Clean Air Agency Reg II: 3.04(f) <i>(STATE ONLY)</i>	12/9/93 7/24/03	Closed containers shall be used for storage or disposal of VOC-containing materials.	II.A.1(c) Facility-Wide Inspections II.A.2(d) Certification and Training Program	NA	NA
EU-7.7	General Regulatory Order No. 8344 Condition No. 1	7/24/03	Kenworth may use acetone and other negligibly reactive compounds as substitutes for hazardous air pollutant (HAP)- and volatile organic compounds (VOC)-classified solvents in topcoats, primers, gun wash thinner, and other products. Negligibly reactive compounds do not need to be counted when calculating VOC content of coatings.	II.A.2(a) CPIS (Chemical Procurement Information Sheet) System II.A.2(b) Coating Consumption/VOC Quantification Plan	NA	EPA Method 24, 40 CFR Part 60, Appendix A, July 1, 2006

Reqmnt No.	Enforceable Requirement	Adoption or Effective Date	Requirement Paraphrase (Information Only)	Monitoring, Maintenance & Recordkeeping Method (See Section II)	Emission Standard Period	Reference Test Method
EU-7.8	Order of Approval No. 6074 Condition No. 4	8/8/03	<p>Kenworth shall not apply coatings which exceed the following VOC content (excluding water and negligibly reactive compounds):</p> <p>(a) for Topcoat Paints: 3.5 pounds per gallon;</p> <p>(b) for Primers: 6.0 pounds per gallon when applied with HVLP or equivalent equipment; 3.5 pounds per gallon when such coatings are developed;</p> <p>(c) for Chassis Primers: 3.5 pounds per gallon; and</p> <p>(d) for Specialty Coatings: 7.0 pounds per gallon when applied with HVLP or equivalent equipment.</p>	<p>II.A.2(a) CPIS (Chemical Procurement Information Sheet) System</p> <p>II.A.2(b) Coating Consumption/VOC Quantification Plan</p>	NA	EPA Method 24, 40 CFR Part 60, Appendix A, July 1, 2006
EU-7.9	Puget Sound Clean Air Agency Reg. I: 7.09(b)	9/10/98	The O&M Plan must identify how spray booth maintenance will assure continuous compliance with Puget Sound Clean Air Agency Regulations I, II and III.	II.A.2(f) Spray Coating	NA	NA

NA = Not applicable.

8. Emission Unit No. 8 (EU-8): 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. Solvent and activator systems and coating mix equipment may be relocated within the site boundaries. Functionally similar equipment and processes may be added to this emission unit after complying with Section IV of the AOP.

Table 9 EU-8 Coating Mix/Solvent System

Reqmnt No.	Enforceable Requirement	Adoption or Effective Date	Requirement Paraphrase (Information Only)	Monitoring, Maintenance & Recordkeeping Method (See Section II)	Emission Standard Period	Reference Test Method
EU-8.1	Puget Sound Clean Air Agency Reg II: 3.04(c)	12/9/93	Specialty coatings shall not have a VOC content in excess of 7.0 lb/gal. Specialty coatings shall not exceed 5.0% of all coatings on daily basis.	II.A.2(a) CPIS (Chemical Procurement Information Sheet) System	NA	EPA Method 24, 40 CFR Part 60, Appendix A, July 1, 2006
	Puget Sound Clean Air Agency Reg II: 3.04(b) (STATE ONLY)	7/24/03	Specialty coatings shall not have a VOC content in excess of 7.0 lb/gal. Except for antiglare/safety coatings, specialty coatings shall not exceed 5.0% of all coatings on a monthly basis.	II.A.2(b) Coating Consumption/VOC Quantification Plan		
EU-8.2	Puget Sound Clean Air Agency Reg II: 3.04(d)	12/9/93	VOC content of each regulated coating and compliance calculations must be available to Agency personnel upon request.	II.A.2(a) CPIS (Chemical Procurement Information Sheet) System	NA	EPA Method 24, 40 CFR Part 60, Appendix A, July 1, 2006
	Puget Sound Clean Air Agency Reg II: 3.04(c) (STATE ONLY)	7/24/03		II.A.2(b) Coating Consumption/VOC Quantification Plan		

Reqmnt No.	Enforceable Requirement	Adoption or Effective Date	Requirement Paraphrase (Information Only)	Monitoring, Maintenance & Recordkeeping Method (See Section II)	Emission Standard Period	Reference Test Method
EU-8.3	General Regulatory Order No. 8344, Condition No. 2	7/24/03	<p>As an alternate means of compliance, Kenworth may use conventional spray equipment provided Kenworth shall not apply coatings with conventional spray equipment that exceed the following VOC content (excluding water and negligibly reactive compounds):</p> <p>(a) For Topcoat Paints: 3.5 pounds per gallon; and</p> <p>(b) For Primers: 3.5 pounds per gallon.</p> <p>VOC shall not exceed 6.0 lb/gal, (except for specialty coatings) when using HVLP or equivalent equipment; 3.5 lb/gal when using conventional spray equipment to apply material to vehicles and mobile equipment.</p>	<p>II.A.2(b) Coating Consumption/VOC Quantification Plan</p> <p>II.A.2(e) Alternate Means of Compliance</p>	NA	EPA Method 24, 40 CFR Part 60, Appendix A, July 1, 2006
EU-8.4	<p>Puget Sound Clean Air Agency Reg II: 3.04(f)</p> <p>Puget Sound Clean Air Agency Reg II: 3.04(e) (STATE ONLY)</p>	<p>12/9/93</p> <p>7/24/03</p>	Any VOC-containing material used for equipment cleanup shall be contained and collected in closed containers.	<p>II.A.1(c) Facility-Wide Inspections</p> <p>II.A.2(d) Certification and Training Program</p>	NA	NA
EU-8.5	<p>Puget Sound Clean Air Agency Reg II: 3.04(g)</p> <p>Puget Sound Clean Air Agency Reg II: 3.04(f) (STATE ONLY)</p>	<p>12/9/93</p> <p>7/24/03</p>	Closed containers shall be used for storage or disposal of VOC-containing materials.	<p>II.A.1(c) Facility-Wide Inspections</p> <p>II.A.2(d) Certification and Training Program</p>	NA	NA

Reqmnt No.	Enforceable Requirement	Adoption or Effective Date	Requirement Paraphrase (Information Only)	Monitoring, Maintenance & Recordkeeping Method (See Section II)	Emission Standard Period	Reference Test Method
EU-8.6	General Regulatory Order No. 8344 Condition No. 1	7/24/03	Kenworth may use acetone and other negligibly reactive compounds as substitutes for hazardous air pollutant (HAP)- and volatile organic compounds (VOC)-classified solvents in topcoats, primers, gun wash thinner, and other products. Negligibly reactive compounds do not need to be counted when calculating VOC content of coatings.	II.A.2(a) CPIS (Chemical Procurement Information Sheet) System II.A.2(b) Coating Consumption/VOC Quantification Plan	NA	EPA Method 24, 40 CFR Part 60, Appendix A, July 1, 2006
EU-8.7	Order of Approval No. 6074 Condition No. 4	8/8/03	Kenworth shall not apply coatings which exceed the following VOC content (excluding water and negligibly reactive compounds): (a) for Topcoat Paints: 3.5 pounds per gallon; (b) for Primers: 6.0 pounds per gallon when applied with HVLP or equivalent equipment; 3.5 pounds per gallon when such coatings are developed; (c) for Chassis Primers: 3.5 pounds per gallon; and (d) for Specialty Coatings: 7.0 pounds per gallon when applied with HVLP or equivalent equipment.	II.A.2(a) CPIS (Chemical Procurement Information Sheet) System II.A.2(b) Coating Consumption/VOC Quantification Plan	NA	EPA Method 24, 40 CFR Part 60, Appendix A, July 1, 2006

NA = Not applicable.

9. Emission Unit No. 9 (EU-9): Fuel Burning

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 heaters (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. Functionally similar equipment and processes may be added to this emission unit after complying with Section IV of the AOP.

Table 10 EU-9 Fuel Burning

Reqmnt No.	Enforceable Requirement	Adoption or Effective Date	Requirement Paraphrase (Information Only)	Monitoring, Maintenance & Recordkeeping Method (See Section II)	Emission Standard Period	Reference Test Method
EU-9.1.	Puget Sound Clean Air Agency Reg I: 9.07 WAC 173-400-040(6) first paragraph only. WAC 173-400-040(6) (STATE ONLY)	4/14/94 9/23/93 2/10/05	Kenworth shall not emit SO ₂ in excess of 1,000 ppmv (dry) corrected to 7% O ₂ for fuel burning equipment.	II.A.2(c) Fuel Combustion Monitoring Plan	At least 60 minutes per run	EPA Method 6C, 40 CFR Part 60, Appendix A, July 1, 2006
EU-9.2.	Order of Approval No. 6074 Condition No. 6	8/8/03	Kenworth shall not consume more than 421 million standard cubic feet of natural gas per year.	II.A.2(c) Fuel Combustion Monitoring Plan	NA	NA
EU-9.3.	Order of Approval No. 6074 Condition No. 7	8/8/03	Kenworth shall keep monthly records of natural gas usage on file that shall be kept on record at the plant and made available to Puget Sound Clean Air Agency personnel upon request.	II.A.2(c) Fuel Combustion Monitoring Plan	NA	NA
EU-9.4.	Puget Sound Clean Air Agency Reg I: 9.09 WAC 173-400-050(1)	4/9/98 3/22/91	Particulate shall not exceed 0.05 gr/dscf @7% O ₂ .	II.A.2(c) Fuel Combustion Monitoring Plan	(3) 1-hour runs	Puget Sound Clean Air Agency Method 5 (See Section IX.A.1)

Reqmnt No.	Enforceable Requirement	Adoption or Effective Date	Requirement Paraphrase (Information Only)	Monitoring, Maintenance & Recordkeeping Method (See Section II)	Emission Standard Period	Reference Test Method
EU-9.5.	Puget Sound Clean Air Agency Reg. I: 7.09(b)	9/10/98	The O&M Plan must identify how combustion equipment maintenance will assure continuous compliance with Puget Sound Clean Air Agency Regulations I, II and III.	II.A.2(c) Fuel Combustion Monitoring Plan	NA	NA

NA = Not applicable.

II. MONITORING, MAINTENANCE AND RECORDKEEPING PROCEDURES

A. *Minimum Monitoring and Maintenance Requirements*

1. Facility-Wide Monitoring

(a) Opacity Monitoring

At least once per calendar quarter, Kenworth 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, Kenworth 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 [WAC 173-401-615, 10/17/02].

(b) Complaint Response

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

- (1) 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
- (2) Any emissions from fallout; or
- (3) Any track-out onto paved roads open to the public; or
- (4) Any emissions of odor-bearing air contaminants; or
- (5) Other emissions.

Kenworth shall investigate the complaint and determine if there was noncompliance with an applicable requirement of this permit. If it is determined to be noncompliance, Kenworth 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.

[WAC 173-401-615, 10/17/02]

(c) Facility-Wide Inspections

At least once per calendar quarter, Kenworth shall conduct a facility-wide inspection. These inspections shall include checking for prohibited activities under Section III of the permit and activities that require additional approval under Section IV of the permit. The inspections shall also examine the general state of compliance with the general applicable requirements and the general effectiveness of the Operation & Maintenance (O&M) Plan.

At least once per calendar quarter, Kenworth shall 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. Kenworth 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.

Kenworth shall also conduct at least once-per-calendar-quarter inspections for fugitive dust and track-out while conducting activities, such as construction, that are likely to generate fugitive dust or track-out. Kenworth 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.

[WAC 173-401-615, 10/17/02]

(d) Maintenance and Repair of Defective Equipment

Kenworth shall use good industrial practices to maintain insignificant emission units and equipment not listed in this permit. For such equipment, Kenworth 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, 10/17/02].

2. Specific Monitoring

(a) CPIS (Chemical Procurement Information Sheet) System

All materials purchased for use by Kenworth shall be screened using the CPIS system. Information, such as Materials Safety Data Sheets (MSDS), shall be obtained for each material and reviewed by Kenworth prior to ordering or receiving the material. Kenworth shall evaluate this information to determine the legality of the HAP and VOC-content for its use and the impact on overall site HAP and VOC emissions. Kenworth shall maintain CPIS records for each material and shall make them available for Puget Sound Clean Air Agency inspection upon request [WAC 173-401-615, 10/17/02].

(b) Coating Consumption/VOC Quantification Plan

Kenworth shall comply with all of the following monitoring and recordkeeping requirements:

(i) General

Kenworth shall track the use of HAP and VOC-containing materials in the plant through detailed material purchase records. The material purchase records shall include product name, manufacturer name, pounds purchased, HAP and VOC content, emission factors, and process codes identifying where and how the materials are used. Kenworth shall assume all VOCs in paint and solvent are emitted into the air except that Kenworth may subtract VOCs that are shipped out as "waste liquid paint" and "spent gun cleaner solvent." "Waste liquid paint" is unused paint that is stored in closed containers. When calculating the VOC content of the

“waste liquid paint,” Kenworth shall use the average VOC content of all paint used in the previous 12 months. When calculating the VOC content of “spent gun cleaner solvent,” Kenworth shall base the estimate on the density of the material being shipped, and the average densities and VOC contents of unused gun cleaning solvent and waste liquid paint. Kenworth shall assume that cleaning solvents are 100% VOC and 6.5 pounds per gallon and paint is 37% VOC and 9.5 pounds per gallon unless the MSDS or other data provided by the product’s manufacturer indicates otherwise. If Kenworth changes the gun cleaner to a water-based system, or other low VOC system, Kenworth may use a similar procedure to calculate the VOC content of gun cleaning solvent after approval in writing by the Puget Sound Clean Air Agency Control Officer. The monthly record shall also note what type of spray equipment was used for each coating type. Kenworth shall also track the total usage of coatings used each month and update the running total for the previous 12 months.

(ii) Specialty coatings

Prior to adoption into the SIP of the 7/24/03 version of Puget Sound Clean Air Agency Regulation II: 3.04(b), Kenworth shall record on a *daily* basis the volume and VOC content of the specialty coatings applied. Within 30 days after the end of each month that specialty coatings are used, Kenworth shall calculate the specialty coating usage as a percentage of total coating usage for each day that it was used. After adoption into the SIP of the 7/24/03 version of Puget Sound Clean Air Agency Regulation II: 3.04(b), Kenworth shall record on a *monthly* basis the volume and VOC content of the specialty coatings applied. Within 60 days after the end of each month that specialty coatings are used except for antiglare/safety coatings, Kenworth shall calculate the specialty coating usage as a percentage of total coating usage for each month that it was used.

(iii) Plural component paint mixes

For coatings that are activated via a plural component paint mix system prior to the spray gun, Kenworth shall obtain an annual certification from the vendor that all the formulations supplied to Kenworth for non-specialty coatings contain 6.0 pounds or less of VOC per gallon for coating sprayed using HVLP or equivalent equipment, and 3.5 pounds or less per gallon for coatings sprayed using conventional spray equipment. However, specialty coatings shall not exceed 7.0 pounds of VOC per gallon.

(iv) Calculation of monthly average VOC content

No later than within 60 days of the end of each month, Kenworth shall calculate the average VOC content per gallon for that month, as follows:

- (1) (Gallons of paint product purchased) times (density of paint) = pounds of paint product purchased.
- (2) (Pounds of paint product purchased) times (% of specific VOC material in component) = pounds of specific VOC.
- (3) The weight in pounds of all VOCs in all paint products is added.
- (4) (Total amount of all VOCs in pounds) divided by (total amount of paint purchased in

gallons) = pounds of VOCs per gallon of paint.

The pounds of VOCs per gallon of topcoat and primer must be less than or equal to 3.5 unless HVLP or technology that results in equivalent transfer efficiency of 50%, or greater, is used.

(v) Calculation of monthly total of each HAP and total HAP emissions

Kenworth shall monitor the HAP content of all compounds used in the manufacturing process at the facility. Kenworth shall maintain material safety data sheets or certified product data sheets for these compounds on-site [Puget Sound Clean Air Agency General Regulatory Order No. 8884, Condition 2, 7/24/03].

No later than 60 days after the end of each month, Kenworth shall calculate monthly emissions of HAP, using a mass balance approach, and prepare monthly records that demonstrate compliance with General Regulatory Order No. 8884. Records shall include the following:

- (a) Monthly emissions of each HAP emitted,
- (b) Monthly total of all HAP emitted, and
- (c) A rolling 12-month calculation of each HAP and total HAP emitted over the previous 12-month period.

These records shall be maintained for no less than five years and made available to Puget Sound Clean Air Agency personnel upon request [Puget Sound Clean Air Agency General Regulatory Order No. 8884, Condition 3, 7/24/03].

Kenworth shall notify the Puget Sound Clean Air Agency (Attn: Permit Certification), in writing, within 60 days after the end of each 12-month period if, during that period, emissions of any single HAP exceeds 9.0 tons or emissions of all HAP exceeds 22.5 tons. The report shall include emissions data for the time period for which these thresholds were exceeded [Puget Sound Clean Air Agency General Regulatory Order No. 8884, Condition 4, 7/24/03].

(vi) Monthly review of records

Kenworth shall review Coating Consumption/VOC Quantification Plan records each month and update the running 12-month total. The review shall be signed and dated by a Kenworth employee.

(vii) Revision provision

Kenworth may revise the Coating Consumption/VOC Quantification Plan by submitting the proposed changes to the Plan to the Puget Sound Clean Air Agency for review and after approval by the Control Officer. These changes will follow the procedures in Section VI of this permit.

[WAC 173-401-615, 10/17/02]

(c) Fuel Combustion Monitoring Plan

Kenworth shall follow a Fuel Combustion Monitoring Plan, which includes monitoring and recording natural gas consumption on a monthly basis. Kenworth shall also check for visible

emissions (exclusive of uncombined water vapor) lasting longer than 3 minutes in an hour at least once each calendar quarter during daylight hours. All fuel burning equipment at the facility shall burn only natural gas, propane, butane, or liquid natural gas. No additional monitoring is needed to assure compliance [WAC 173-401-615, 10/17/02].

(d) Certification and Training Program

Process/equipment operators shall be initially trained and annually refreshed in the proper operation and maintenance of their process and equipment. The training program shall include but not be limited to the following:

- (1) For boiler operators, a one-time only external certification.
- (2) For painters, training throughout the year by supervisors.
- (3) All training and refresher courses shall include the operators signing and dating their attendance record.

[WAC 173-401-615, 10/17/02]

(e) Alternate Means of Compliance

As an alternate means of compliance with Regulation II, Section 3.04(e), Kenworth may use conventional spray equipment provided Kenworth shall not apply coatings with conventional spray equipment that exceed the following VOC content (excluding water and negligibly reactive compounds):

- (a) For Topcoat Paints: 3.5 pounds per gallon; and
- (b) For Primers: 3.5 pounds per gallon.

The VOC content shall be estimated monthly as part of the Coating Consumption/VOC Quantification Plan along with the type of spray equipment that was used to apply each coating type. [Puget Sound Clean Air Agency General Regulatory Order No. 8344, Condition 2, 7/24/03].

After adoption into the SIP of the 7/24/03 version of Puget Sound Clean Air Agency Regulation II: 3.04, this monitoring and recordkeeping procedure will be an alternative means of compliance with Regulation II, Section 3.04(d).

[WAC 173-401-615, 10/17/02]

(f) Spray Coating

Kenworth shall inspect the spray coating lines, booths and filter systems at least once each day that each booth operates for the following:

- (1) Check the primary dry filter systems, where visible, for proper seating and complete coverage over the exhaust plenum;
- (2) For downdraft water filtration systems check for a complete water blanket and for side-draft water filtration systems check for a complete water curtain;

- (3) Proper fan operation; and
- (4) Evidence of abnormal odor or paint emissions.

Kenworth 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.

[WAC 173-401-615, 10/17/02].

(g) Dust Collectors

Kenworth shall conduct quarterly inspections of each 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 [WAC 173-401-615, 10/17/02].

B. Operation and Maintenance (O&M) Plan Requirements

Kenworth's O&M Plan shall include procedures specifying how Kenworth will assure continuous compliance with Puget Sound Clean Air Agency Regulations I, II and III. For insignificant emission units, refer to the requirements stated in Section II.A.1(d) 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 the repairs can be completed and taking measures to prevent 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 monitoring results, opacity observations, review of operations and maintenance procedures, and checks of the emission unit or equipment. The specific provisions of the O&M Plan, other than those required by Condition Section II.A, shall not be deemed part of this permit [Puget Sound Clean Air Agency Regulation I, Section 7.09(b), 09/10/98].

III. PROHIBITED ACTIVITIES

Kenworth is prohibited from conducting, causing, or allowing the following activities:

A. Adjustment for Atmospheric Conditions

Varying the rate of emissions of a pollutant according to atmospheric conditions or ambient concentrations of that pollutant is prohibited, except as directed according to air pollution episode regulations. [WAC 173-400-205, 3/22/91]

B. Open Burning

Kenworth shall not conduct open burning during any stage of an air pollution episode or period of impaired air quality and shall not conduct any open burning other than the following types:

- (1) Fires consisting solely of charcoal, propane, natural gas, or wood used solely for the preparation of food, and
- (2) Fires for instruction in the methods of fighting fires, provided that the person conducting the training fire complies with Puget Sound Clean Air Agency Regulation I, Section 8.07.

[Puget Sound Clean Air Agency Regulation I, Section 8.04, 11/09/00] [WAC 173-425-020(1), 1/1/93; WAC 173-425-050(1), 1/1/93; RCW 70.94.743, 1998 c68 p1 and RCW 70.94.775(2), 1995 c 362p2 State/Puget Sound Clean Air Agency only]

C. Refuse Burning.

Kenworth shall not cause or allow the burning of combustible refuse except in a multiple chamber incinerator provided with control equipment. Kenworth shall not operate refuse burning equipment any time other than daylight hours. [Puget Sound Clean Air Agency Regulation I, Section 9.05, 12/9/93]

D. Concealment

Kenworth shall not 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 an air contaminant which would otherwise violate Puget Sound Clean Air Agency Regulation I, Article 9 or Chapter 173-400 WAC. [WAC 173-400-040(7), 9/20/93] [Puget Sound Clean Air Agency Regulation I, Section 9.13(a), 6/9/88 State/Puget Sound Clean Air Agency only]

E. Masking

Kenworth shall not cause or allow the installation or use of any device or use of any means designed to mask the emission of an air contaminant that causes detriment to health, safety or welfare of any person or conceals or masks an emission of an air contaminant that would otherwise violate Regulation I, Article 9 or Chapter 173-400 WAC. [WAC 173-400-040(7), 9/20/93] [Puget Sound Clean Air Agency Regulation I, Section 9.13(b), 6/9/88 State/Puget

Sound Clean Air Agency only]

F. Tampering

Kenworth shall not render inaccurate any monitoring device or method required under Chapter 70.94 RCW, or any ordinance, resolution, regulation, permit, or order in force pursuant thereto. [WAC 173-400-105(8), 8/21/98]

G. False Statements

Kenworth shall not make any false material statement, representation or certification in any form, notice, or report required under Chapter 70.94 RCW, or any ordinance, resolution, regulation, permit, or order in force pursuant thereto. [WAC 173-400-105(7), 8/21/98]

IV. ACTIVITIES REQUIRING ADDITIONAL APPROVAL

Kenworth shall file notification and obtain the necessary approval from the Puget Sound Clean Air Agency before conducting any of the following:

A. New Source Review

Kenworth shall not construct, install, establish, or modify an air contaminant source, except those sources that are excluded by Puget Sound Clean Air Agency Regulation I, Section 6.03(b), unless a “Notice of Construction and Application for Approval” has been filed with and approved by the Puget Sound Clean Air Agency. [Puget Sound Clean Air Agency Regulation I, Section 6.03, 9/12/96], [Puget Sound Clean Air Agency Regulation I, Section 6.01, 3/23/06; Puget Sound Clean Air Agency Regulation I, Section 6.03, 10/26/06; WAC 173-460-040, 1/14/94; RCW 70.94.152, 1996 c 67p1, 1996 c 29p1 State/Puget Sound Clean Air Agency only]

B. Replacement or Substantial Alteration of Emission Control Technology

Kenworth shall file a Notice of Construction and Application for Approval according to WAC 173-400-114 with the Puget Sound Clean Air Agency before replacing or substantially altering any emission control technology installed at the facility. [Puget Sound Clean Air Agency Regulation I, Section 6.03, 9/12/96], [Puget Sound Clean Air Agency Regulation I, Section 6.01, 3/23/06; Puget Sound Clean Air Agency Regulation I, Section 6.03, 10/26/06; WAC 173-400-114, 9/20/93; RCW 70.94.153, 1991 c 199p303 State/Puget Sound Clean Air Agency only]

C. Asbestos

Kenworth shall comply with 40 CFR 61.145 and 61.150 when conducting renovation or demolition activities at the facility. [40 CFR 61.145 and 61.150]

Kenworth shall comply with Puget Sound Clean Air Agency Regulation III, Article 4 when conducting any asbestos project, renovation or demolition activities at the facility. [Puget Sound Clean Air Agency Regulation III, Article 4, 2/27/03]

D. Spray Coating

- (a) Puget Sound Clean Air Agency Regulation I, Section 9.16 applies to Kenworth.
- (b) Exemptions. The following activities are exempt from the provisions of Sections 9.16(c) and (d) of this regulation. Persons claiming any of the following spray-coating exemptions shall have the burden of demonstrating compliance with the claimed exemption.
 - (1) Application of architectural or maintenance coatings to stationary structures (e.g., bridges, water towers, buildings, stationary machinery, or similar structures);
 - (2) Aerospace coating operations subject to 40 CFR Part 63, Subpart GG. This includes all activities and materials listed in 40 CFR 63.741(f);
 - (3) Use of high-volume, low-pressure (HVLP) spray guns when:

- (A) Spray-coating operations do not involve motor vehicles or motor vehicle components;
 - (B) The gun cup capacity is 8 fluid ounces or less;
 - (C) The spray gun is used to spray-coat less than 9 square feet per day per facility;
 - (D) Coatings are purchased in containers of 1 quart or less; and
 - (E) Spray-coating is allowed by fire department, fire marshal, or other government agency requirements.
- (4) Use of air-brush spray equipment with 0.5 to 2.0 cfm airflow and a maximum cup capacity of 2 fluid ounces;
 - (5) Use of hand-held aerosol spray cans with a capacity of 1 quart or less; or
 - (6) Indoor application of automotive undercoating materials using organic solvents having a flash point in excess of 100°F.
- (c) General Requirements for Indoor Spray-Coating Operations. It shall be unlawful for any person subject to the provisions of this section to cause or allow spray-coating inside a structure, or spray-coating of any motor vehicles or motor vehicle components, unless the spray-coating is conducted inside an enclosed spray area. The enclosed spray area shall employ either properly seated paint arresters, or water-wash curtains with a continuous water curtain to control the overspray. All emissions from the spray-coating operation shall be vented to the atmosphere through an unobstructed vertical exhaust vent.
- (d) General Requirements for Outdoor Spray-Coating Operations. It shall be unlawful for any person subject to the provisions of this section to cause or allow spray-coating outside an enclosed structure unless reasonable precautions are employed to minimize the overspray. Reasonable precautions include, but are not limited to the use of:
- (1) Enclosures and curtailment during high winds; and
 - (2) High-volume low-pressure (HVLP), low-volume low-pressure (LVLP), electrostatic, or air-assisted airless spray equipment. Airless spray equipment may be used where low viscosity and high solid coatings preclude the use of higher-transfer efficiency spray equipment.
- (e) Compliance with Other Regulations. Compliance with this regulation does not exempt any person from compliance with Regulation I, Section 9.11 and all other applicable regulations including those of other agencies.

[Puget Sound Clean Air Agency Regulation I, Section 9.16, 7/12/01]

V. STANDARD TERMS AND CONDITIONS

A. Duty to comply

Kenworth shall comply with all conditions of this permit. Any permit noncompliance constitutes a violation of Chapter 70.94 RCW and, for federally enforceable provisions, a violation of the Federal Clean Air Act (FCAA). Such violations are grounds for enforcement action; for permit termination, revocation and reissuance, or modification; or for denial of a permit renewal application. [Puget Sound Clean Air Agency Regulation I, Section 7.05, 10/28/93; WAC 173-401-620(2)(a), 11/4/93]

B. Permit actions

This permit may be modified, revoked, reopened and reissued, or terminated for cause. The filing of a request by Kenworth 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), 11/4/93]

C. Property rights

This permit does not convey any property rights of any sort, or any exclusive privilege. [WAC 173-401-620(2)(d), 11/4/93]

D. Duty to provide information

Kenworth shall furnish to the Puget Sound Clean Air Agency, within a reasonable time, any information that the Puget Sound Clean Air Agency 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, Kenworth 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, Kenworth may furnish such records directly to EPA Region 10 along with a claim of confidentiality. The Puget Sound Clean Air Agency shall maintain the confidentiality of such information in accordance with RCW 70.94.205. [WAC 173-401-620(2)(e), 11/4/93]

E. Permit fees

Kenworth shall pay fees as a condition of this permit in accordance with the Puget Sound Clean Air Agency Regulation I, Article 7. Failure to pay fees in a timely fashion shall subject Kenworth to civil and criminal penalties as prescribed in Chapter 70.94 RCW. [WAC 173-401-620(2)(f), 11/4/93]

F. Emissions trading

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), 11/4/93]

G. Severability

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), 11/4/93]

H. Permit appeals

This permit or any condition 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 and WAC 173-401-735. The provision for appeal in this section is separate from and additional to any federal rights to petition and review found under §505(b) of the FCAA. [WAC 173-401-620(2)(i) and WAC 173-401-735, 11/4/93]

I. Permit continuation

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 under WAC 173-401-705(2) shall remain in effect until the renewal permit has been issued or denied if a timely and complete permit application has been submitted. [WAC 173-401-620(2)(j), 11/4/93]

J. Federal enforceability

All terms and conditions of this permit are enforceable by the EPA administrator and by citizens under the FCAA, except for those terms and conditions designated in the permit as not federally enforceable. [WAC 173-401-625, 11/4/93]

K. Inspection and entry

Upon presentation of credentials and other documents as may be required by law, Kenworth shall allow the Puget Sound Clean Air Agency or an authorized representative to:

- (1) Enter Kenworth's premises or where records must be kept under the conditions of this permit;
- (2) Have access to and copy, at reasonable times, any records that must be kept under the conditions of the permit;
- (3) Inspect at reasonable times any facilities, equipment (including monitoring and air pollution control equipment), practices or operations regulated or required under the permit; and
- (4) 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), 11/4/93] [RCW 70.94.200 State/Puget Sound Clean Air Agency only]

L. Compliance requirements

Kenworth shall continue to comply with all applicable requirements with which the source is

currently in compliance. Kenworth shall meet on a timely basis any applicable requirements that become effective during the permit term. [WAC 173-401-630(3), WAC 173-401-510(2)(h)(iii), 11/4/93]

M. Compliance certifications

Kenworth shall submit a certification of compliance with permit terms and conditions once per year. Each Annual Compliance Certification shall cover a one year interval ending August 23 and shall be submitted within 30 days after the end of the period covered by the report (September 22). Each certification shall include:

- (1) The identification of each term or condition of the permit that is the basis of the certification;
- (2) The compliance status;
- (3) Whether compliance was continuous or intermittent; and
- (4) The method(s) used for determining the compliance status of the source, currently and over the reporting period. These methods must be consistent with the permit Monitoring, Maintenance and Recordkeeping Methods.

All compliance certifications shall be submitted to EPA Region 10 and to the Puget Sound Clean Air Agency, at the following addresses, within 30 days after the close of the period covered by the certification:

Puget Sound Clean Air Agency
Attn.: Operating Permit Certification
110 Union Street, Suite 500
Seattle, Washington 98101

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

[WAC 173-401-630(5), 11/4/93]

N. Compliance determination

1. Emission Testing

For the purpose of determining compliance with an emission standard, the Puget Sound Clean Air Agency or Ecology may conduct testing of an emission unit or require Kenworth to have it tested. In the event the Puget Sound Clean Air Agency or Ecology conducts the test, Kenworth shall be given an opportunity to observe the sampling and to obtain a sample at the same time.

Testing of sources for compliance with emissions standards shall be performed in accordance with the Reference Test Methods identified in Section I of this permit, except where this permit indicates that a specific Reference Test Method is not needed or appropriate.

Kenworth 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. Notification under this

provision does not waive or modify test notification requirements found in other applicable regulations.

Unless otherwise specified, each test for pollutants other than opacity shall consist of three separate runs and compliance shall be determined from the arithmetic average of the three runs. 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 the Puget Sound Clean Air Agency approval, be determined from the arithmetic average of the two other runs. [40 CFR 60.8(f)]

Kenworth, if required by the Puget Sound Clean Air Agency to perform a compliance test, shall submit a 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.

[WAC 173-400-105(4), 9/20/93; Puget Sound Clean Air Agency Regulation I, Section 3.05(b), 2/10/94; and Puget Sound Clean Air Agency Regulation I, Section 3.07. 2/9/95] [Puget Sound Clean Air Agency Regulation I, Section 3.07, 3/23/06, *State/Puget Sound Clean Air Agency only*]

2. Credible Evidence

For the purpose of submitting compliance certifications or establishing whether or not a person has violated or is in violation of this permit, nothing 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 or procedure had been performed. [40 CFR 51.212, 2/24/1997; 40 CFR 52.12, 2/24/1997; 40 CFR 52.33, 2/24/1997; Puget Sound Clean Air Agency Regulation I, Section 3.06, 10/8/98]

O. Recordkeeping

Kenworth shall maintain the following:

- (1) Records of required monitoring information that include the following if applicable:

- (a) The date, place as defined in the permit, and time of sampling or measurements;
 - (b) The date(s) analyses were performed;
 - (c) The company or entity that performed the analyses;
 - (d) The analytical techniques or methods used;
 - (e) The results of such analyses; and
 - (f) The operating conditions existing at the time of sampling or measurement.
- (2) Records describing changes made at the source that result in emissions of a regulated air pollutant subject to an applicable requirement, but not otherwise regulated under the permit, and the emissions resulting from those changes. [WAC 173-401-615(2), 10/17/02]
- (3) Records of all monitoring data and support information required by this permit shall be retained by Kenworth for a period of five years from the date of the monitoring, sample, measurement, record 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), 10/17/02]
- (4) Kenworth shall document all inspections, tests and other actions required by Sections II.A and II.B of this permit, including who conducted the inspection, tests or other actions; and the date and the results of the inspection, tests or other actions including corrective actions. Inspection records may be maintained in electronic format. Kenworth shall maintain records of all inspections, tests, and other actions required by this permit on site and available for the Puget Sound Clean Air Agency review. [Puget Sound Clean Air Agency Regulation I, Section 7.09(b), 9/10/98]
- (5) Records for all complaints received concerning odor, fugitive emissions or nuisance relating to Section II of this permit must also 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(2)(b), 10/17/02]

P. Data recovery

Kenworth shall recover valid monitoring and recordkeeping data for each parameter according to any specific monitoring and recordkeeping requirements identified in Section II of this permit. However, if such requirements are silent on data recovery provisions, data recovery is assumed to be 100% [WAC 173-401-615(1)(b), 10/17/2002].

Q. Reporting

All reports required under this section shall be submitted to the Puget Sound Clean Air Agency,

at the following address:

Puget Sound Clean Air Agency
Attn.: Operating Permit Certification
110 Union Street, Suite 500
Seattle, Washington 98101

1. Deviation Report (monthly, only when discovered)

Kenworth shall report in writing to Puget Sound Clean Air Agency Operating Permit Certification any and all instances of deviations from the permit requirements, including those attributable to upset conditions as defined in this permit, the probable cause of the deviations, and any corrective actions or preventive measures taken. "Deviation" means any situation in which an emission unit fails to meet a permit term or condition. Kenworth shall maintain a contemporaneous record of all deviations. Kenworth shall report any deviations to the Puget Sound Clean Air Agency that represent a potential threat to human health or safety by FAX (206-343-7522) as soon as possible but no later than 12 hours after such a deviation is discovered. Kenworth shall report other deviations in writing to Puget Sound Clean Air Agency Operating Permit Certification no later than 30 days after the end of the month during which the deviation is discovered. A Deviation Report *may* be certified by a responsible official as provided in V.Q.3 at the time of submittal; 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 semiannual Certification of Reports as per V.Q.2 [WAC 173-401-615 (3)(b), 10/17/02]

2. Certification of Reports (semiannual)

Kenworth shall submit in writing to Puget Sound Clean Air Agency Operating Permit Certification a semi-annual report which shall summarize each permit report filed during the six-month period. Each Certification of Reports shall cover a six month interval ending February 24 and August 23, and shall be submitted within 30 days after the end of the period covered by the report (March 26 and September 22). Each Certification of Reports shall be certified by a responsible official as provided in V.Q.3. The "Certification of Reports" need not duplicate information contained in another report. Deviation reports that are submitted pursuant to V.Q.1 within a given six-month reporting period may be summarized and certified by the responsible official in this semiannual Certification of Reports. If there were no instances of deviations from permit requirements during the six month period, the semi-annual report shall state that there were no instances of deviations from permit requirements. [WAC 173-401-615(3)(a), 10/17/02]

3. Certification by Responsible Official

Any application form, report (except as provided for in V.Q.1), 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 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, 11/4/93]

4. Emission reporting.

Kenworth 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) emissions.....	25
Facility combined total of all toxic air contaminants (TAC) emissions.....	6
Any single toxic air contaminant (TAC) emissions.....	2
Nitrogen oxide (NOX) emissions	25
Particulate matter (PM10) emissions	25
Particulate matter (PM2.5) emissions	25
Sulfur oxide (SO2) emissions	25
Volatile organic compounds (VOC) emissions	25

Annual emissions rates shall be reported to the nearest whole ton per year for those contaminants that equal or exceed the thresholds above. Kenworth shall maintain records of information necessary to document any reported emissions or demonstrate that the emissions were less than the above amounts. [Puget Sound Clean Air Agency Regulation I, Section 7.09(a), 9/10/98]

Kenworth 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 III, Section 1.11, 12/12/96; WAC 173-400-105, 9/20/93, WAC 173-400-105, 10/14/96 State/Puget Sound Clean Air Agency only]

5. Summary of “Routine” required reports

Name of Report	Require- ment	Due date(s)	Certification requirement
Deviation Report (monthly, only when discovered)	V.Q.1	30 days after the end of the month deviation is discovered	May certify each report, but normal practice is to summarize and certify Deviation Reports in semiannual Certification of Reports as per V.Q.2
Certification of Reports (semiannual)	V.Q.2	March 26, September 22	Yes, in accordance with V.Q.3
Annual Compliance Certification	V.M	Annually, September 22	Yes, in accordance with V.Q.3
Emission inventory statement	V.Q.4	Annually	Certify in semiannual Certification of Reports as per V.Q.2

R. Emergencies

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 of WAC 173-401-645(3) are met.

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

- (1) An emergency occurred and that Kenworth can identify the cause(s) of the emergency;
- (2) Kenworth was at the time being properly operated;
- (3) During the period of the emergency Kenworth took all reasonable steps to minimize levels of emissions that exceeded the emission standards or other requirements in the permit; and
- (4) Kenworth submitted notice of the emergency to the Puget Sound Clean Air Agency within two (2) working days of the time when the emissions 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.

In any enforcement proceeding, Kenworth has the burden of proof to establish the occurrence of an emergency. This provision is in addition to any emergency or upset provision contained in any applicable requirement.

[WAC 173-401-645, 11/4/93]

S. Unavoidable excess emissions

Excess emissions due to startup or shutdown conditions, scheduled maintenance or upsets that are determined to be unavoidable under the procedures and criteria in WAC 173-400-107 shall be excused and not subject to penalty. For any excess emission that Kenworth wants the Puget Sound Clean Air Agency to consider unavoidable and excusable under WAC 173-400-107, Kenworth shall report as required by Section V.Q.1 of this permit the following:

- (1) Why the event was not caused by poor or inadequate design, operation, maintenance, or any other reasonably preventable condition;
- (2) Why the event was not of a recurring pattern indicative of inadequate design, operation, or maintenance; and
- (3) How Kenworth 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(2), 9/20/93]

T. Need to halt or reduce activity not a defense

It shall not be a defense for Kenworth 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), 11/4/93]

U. Stratospheric ozone and climate protection

- (1) Kenworth 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.
- (2) Kenworth 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, 1/13/95]
- (3) Any certified technician employed by Kenworth shall keep a copy of their certification at their place of employment. [40 CFR 82.166(1), 8/8/95]
- (4) Kenworth 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), 11/12/97 State/Puget Sound Clean Air Agency only]

V. RACT satisfied

Emission standards and other requirements contained in rules or regulatory orders in effect at the time of this permit issuance shall be considered RACT for the purposes of issuing this permit. [WAC 173-401-605(3), 11/4/93; RCW 70.94.031 State/Puget Sound Clean Air Agency only]

W. Risk management programs

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

- (1) Three years after the date on which a regulated substance is first listed under 40 CFR 68.130; or

- (2) The date on which a regulated substance is first present above a threshold quantity in a process.

[40 CFR 68.10, 1/6/1999]

X. Definitions

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, 10/17/02]

Y. Duty to supplement or correct application

Upon becoming aware that it has failed to submit any relevant facts in a permit application or that it has submitted incorrect information in a permit application, Kenworth shall promptly submit such supplementary facts or corrected information to the Puget Sound Clean Air Agency. [WAC 173-401-500(6), 10/17/02]

Z. Insignificant emission units and activities

- (1) Insignificant emission units and activities at Kenworth are subject to all applicable requirements set forth in Sections I.A, III and IV. This permit does not require testing, monitoring, reporting or recordkeeping 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), 10/17/02]
- (2) Where this permit does not require testing, monitoring, recordkeeping and reporting for insignificant emissions units or activities, Kenworth 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, Kenworth 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), 10/17/02]
- (3) An emission unit or activity that qualifies as insignificant solely on the basis of WAC 173-401-530(1)(a) shall not exceed the emission thresholds specified in WAC 173-401-530(4) until this permit is modified pursuant to Section VI.E of this permit and WAC 173-401-725. [WAC 173-401-530(6), 10/17/02]

Kenworth requests that the emissions units listed below are defined as insignificant for the reasons indicated.

Table 11 Insignificant emission units and activities

UNIT	Basis for IEU Designation
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 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)
Washer Burners: natural gas fired and less than five million Btu/hr.	WAC 173-401-533(2)(r)
Portable Pressure Washer: natural gas fired and less than five million Btu/hr.	WAC 173-401-533(2)(r)
Windshield Ventilation Hood: Material is not spray applied and hood 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)
Welding equipment: Less than 1 ton per day of welding rod is used.	WAC 173-401-533(2)(i)
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)
Emergency Generator: Combustion source less than 1 million Btu/hr using diesel fuel.	WAC 173-401-533(2)(g)
Fire Pump: Combustion source less than 1 million Btu/hr using diesel fuel.	WAC 173-401-533(2)(g) WAC 173-401-532(52)
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)
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)
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)
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 173-401-530(1)(c) WAC 173-401-533(2)(c) WAC 173-401-532(3)
Solvent Recovery Unit, 200 gallons	WAC 173-401-533(2)(a)

UNIT	Basis for IEU Designation
Recovered Solvent Tank, 500 gallons HAP-free solvent with vapor pressure from 73 to 180 mm Hg.	WAC 173-401-533(2)(b)
Waste Solvent Tank, 500 gallons HAP-free solvent with vapor pressure from 73 to 180 mm Hg.	WAC 173-401-533(2)(b)
Solvent Mixing/Storage Tank, 1,000 gallons HAP-free solvent with vapor pressure from 73 to 180 mm Hg.	WAC 173-401-533(2)(b)
Paint Mix Room Thinner Tank, 1,000 gallons HAP-free solvent with vapor pressure from 73 to 180 mm Hg.	WAC 173-401-533(2)(b)
Chassis Black Tank, 750 gallons HAP-free paint with vapor pressure = 2.1 mm Hg.	WAC 173-401-533(2)(b) WAC 173-401-533(2)(c)
Paint Activator Tank, 350 gallons Vapor pressure = 76 mm Hg.	WAC 173-401-533(2)(c)
Paint Tank, 80 gallons	WAC 173-401-533(2)(a)
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)
Off-Highway Axle Weld Fume Collector	WAC 173-401-533(2)(i)
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: 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)
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)
Small Electrical Power Generators: gasoline fired.	WAC 173-401-533(2)(f)
Vehicle exhaust from fume extractors and dynamometer test stations: Exhaust is from a mobile source propelled by an internal combustion engine	WAC 173-401-532(10)

UNIT	Basis for IEU Designation
Small Parts Cleaner Tanks	WAC 173-401-533(2)(a)

VI. PERMIT ACTIONS

A. Permit Renewal, Revocation and Expiration

- (1) **Renewal application.** Kenworth shall submit a complete permit renewal application to the Puget Sound Clean Air Agency no later than 12 months prior to the expiration of this permit. The Puget Sound Clean Air Agency will send Kenworth a renewal application no later than 18 months prior to the expiration of this permit. Failure of the Puget Sound Clean Air Agency to send Kenworth a renewal application shall not relieve Kenworth from the obligation to file a timely and complete renewal application. [WAC 173-401-710(1), 10/17/02; WAC 173-401-500(2), 10/17/02]
- (2) **Expired permits.** Permit expiration terminates Kenworth's right to operate unless a timely and complete renewal application has been submitted consistent with WAC 173-401-710(1) and WAC 173-401-500. All terms and conditions of the permit shall remain in effect after this permit expires if a timely and complete permit application has been submitted. [WAC 173-401-710(3), 10/17/02]
- (3) **Revocation of permits.** The Puget Sound Clean Air Agency may revoke a permit only upon the request of Kenworth or for cause. The Puget Sound Clean Air Agency shall provide at least thirty days written notice to Kenworth 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 Kenworth an opportunity to meet with the Puget Sound Clean Air Agency prior to Puget Sound Clean Air Agency's final decision. A revocation issued under this condition may be issued conditionally with a future effective date and may specify that the revocation will not take effect if Kenworth satisfies the specified conditions before the effective date. Nothing in this subsection shall limit Puget Sound Clean Air Agency's authority to issue emergency orders. [WAC 173-401-710(4), 10/17/02]

B. Administrative Permit Amendments

- (1) **Definition.** 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 Kenworth;
 - (c) Requires more frequent monitoring or reporting by Kenworth;
 - (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.

[WAC 173-401-720(1), 11/4/93]

- (2) **Administrative permit amendment procedures.** An administrative permit amendment may be made by the Puget Sound Clean Air Agency consistent with the following:
 - (a) The Puget Sound Clean Air Agency shall take no more than sixty days from receipt of a request for an administrative permit amendment to take final action on such request, and may incorporate such changes without providing notice to the public or affected states provided that it designates any such permit revisions as having been made pursuant to this paragraph.
 - (b) The Puget Sound Clean Air Agency shall submit a copy of the revised permit to EPA.
 - (c) Kenworth may implement the changes addressed in the request for an administrative amendment immediately upon submittal of the request.

[WAC 173-401-720(3), 11/4/93]

- (3) **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 part (1)(e) of this condition. [WAC 173-401-720(4), 11/4/93]

C. Changes not Requiring Permit Revisions

(1) General.

- (a) Kenworth is authorized to make the changes described in this section without a permit revision, providing the following conditions are met:
 - (i) The proposed changes are not Title I modifications as defined in WAC 174-401-200(35);
 - (ii) The proposed changes do not result in emissions that exceed those allowable under the permit, whether expressed as a rate of emissions, or in total emissions;
 - (iii) The proposed changes do not alter permit terms that are necessary to enforce limitations on emissions from units covered by the permit; and
 - (iv) Kenworth provides EPA and the Puget Sound Clean Air Agency 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.

- (b) **Permit attachments.** Kenworth and the Puget Sound Clean Air Agency shall attach each notice to their copy of the relevant permit.
- (2) **Section 502(b)(10) changes.** Pursuant to the conditions in subsection (1) of this section, Kenworth is authorized to make section 502(b)(10) changes (as defined in WAC 173-401-200(30)) without a permit revision.
- (a) For each such change, the written notification required under subsection (1)(a)(iv) of this condition shall include a brief description of the change within the permitted facility, the date on which the change will occur, any change in emissions, and any permit term or condition that is no longer applicable as a result of the change.
 - (b) The permit shield authorized under WAC 173-401-640 shall not apply to any change made pursuant to this paragraph.
- (3) **SIP authorized emissions trading.** Pursuant to the conditions in subsection (1) of this condition, Kenworth is authorized to trade increases and decreases in emissions in the permitted facility, where the Washington state implementation plan provides for such emissions trades without requiring a permit revision. This provision is available in those cases where the permit does not already provide for such emissions trading.
- (a) Under this subsection (3), the written notification required under subsection (1)(a)(iv) of this condition shall include such information as may be required by the provision in the Washington state implementation plan authorizing the emissions trade, including at a minimum, when the proposed change will occur, a description of each such change, any change in emissions, the permit requirements with which Kenworth will comply using the emissions trading provisions of the Washington state implementation plan, and the pollutants emitted subject to the emissions trade. The notice shall also refer to the provisions with which Kenworth will comply in the applicable implementation plan and that provide for the emissions trade.
 - (b) The permit shield described in WAC 173-401-640 shall not extend to any change made under this paragraph. Compliance with the permit requirements that Kenworth will meet using the emissions trade shall be determined according to requirements of the applicable implementation plan authorizing the emissions trade.

[WAC 173-401-722, 10/17/02]

D. Off Permit Changes

- (1) Kenworth shall be allowed to make changes not specifically addressed 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 or is a change subject to the acid rain requirements under Title IV of the FCAA must be submitted as a permit revision.
- (2) Each such change shall meet all applicable requirements and shall not violate any existing permit term or condition.

- (3) Kenworth must provide contemporaneous written notice to the Puget Sound Clean Air Agency and EPA of each 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) The change shall not qualify for the permit shield under WAC 173-401-640.
- (5) Kenworth shall keep a record describing changes made at Kenworth that result in emissions of a regulated air pollutant subject to an applicable requirement, but not otherwise regulated under the permit, and the emissions resulting from those changes.
- (6) When making a change under this section, Kenworth shall comply with applicable preconstruction review requirements established pursuant to RCW 70.94.152 and Puget Sound Clean Air Agency Regulation I, Article 6.

[WAC 173-401-724, 11/4/93]

E. Permit Modification

- (1) **Definition.** A permit modification is any revision to this permit that cannot be accomplished under provisions for administrative permit amendments under WAC 173-401-720.
- (2) **Procedures.** Minor permit modification procedures.
 - (a) Criteria.
 - (i) Minor permit modification procedures shall be used for those permit modifications that:
 - (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 Kenworth has assumed to avoid an applicable requirement to which Kenworth would otherwise be subject. Such terms and conditions include:
 - (I) A federally enforceable emissions cap assumed to avoid classification as a modification under any provision of Title I of the FCAA; and
 - (II) An alternative emissions limit approved pursuant to regulations promulgated under Section 112(i)(5) of the

FCAA;

- (E) Are not modifications under any provision of Title I of the FCAA;
- (ii) Notwithstanding (a)(i) of this subsection, and subsection (3) of this section, the Puget Sound Clean Air Agency may allow the use of minor permit modification procedures for permit modifications involving the use of economic incentives, marketable permits, emissions trading, and other similar approaches, to the extent that the use of such minor permit modification procedures is explicitly provided for in the Washington state implementation plan or in applicable requirements promulgated by EPA and in effect on April 7, 1993.
- (b) Application. An application requesting the use of minor permit modification procedures shall meet the requirements of WAC 173-401-510 and shall include the following:
 - (i) A description of the change, the emissions resulting from the change, and any new applicable requirements that will apply if the change occurs;
 - (ii) Kenworth's suggested draft permit;
 - (iii) Certification by a responsible official, consistent with WAC 173-401-520, of the truth, accuracy, and completeness of the application and that the proposed modification meets the criteria for use of minor permit modification procedures and a request that such procedures be used; and
 - (iv) Completed forms for the Puget Sound Clean Air Agency to use to notify EPA and affected states as required under WAC 173-401-810 and 173-401-820.
- (c) Kenworth's ability to make change. Kenworth may make the change proposed in its minor permit modification application immediately after it files such application provided that those changes requiring the submission of a notice of construction application have been reviewed and approved by the Puget Sound Clean Air Agency. After Kenworth makes the change allowed by the preceding sentence, and until the Puget Sound Clean Air Agency takes any of the actions specified in WAC 173-401-725(d), Kenworth must comply with both the applicable requirements governing the change and the proposed permit terms and conditions. During this time period, Kenworth need not comply with the existing permit terms and conditions it seeks to modify. However, if Kenworth 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.
- (d) Permit shield. The permit shield under WAC 173-401-640 shall not extend to minor permit modifications.
- (3) **Group processing of minor permit modifications.** Consistent with WAC 173-401-725(3), the Puget Sound Clean Air Agency may process groups of a source's applications for certain modifications eligible for minor permit modification processing.
- (4) **Significant modification procedures.**
 - (a) Criteria. Significant modification procedures shall be used for applications

requesting permit modifications that do not qualify as minor permit modifications or as administrative permit amendments. Every significant change in existing monitoring permit terms or conditions and every relaxation of reporting or recordkeeping permit terms or conditions shall be considered significant. Nothing herein shall be construed to preclude Kenworth from making changes consistent with Chapter 173-401 WAC that would render existing permit compliance terms and conditions irrelevant.

- (b) Significant permit modifications 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. The Puget Sound Clean Air Agency shall complete review on the majority of significant permit modifications within nine months after receipt of a complete application.

[WAC 173-401-725, 11/4/93]

F. Reopening for Cause

- (1) **Standard provisions.** This permit shall be reopened and revised under any of the following circumstances:
 - (a) Additional applicable requirements become applicable to Kenworth with a remaining permit term of three or more years. Such a reopening shall be completed not later than eighteen months after promulgation of the applicable requirement. No such reopening is required if the effective date of the requirement is later than the date on which the permit is due to expire, unless the original permit or any of its terms and conditions have been extended pursuant to WAC 173-401-620(2)(j);
 - (b) Additional requirements (including excess emissions requirements) become applicable to an affected source under the acid rain program. Upon approval by EPA, excess emissions offset plans shall be deemed to be incorporated into the permit;
 - (c) The Puget Sound Clean Air Agency or EPA determine that the permit contains a material mistake or that inaccurate statements were made in establishing the emissions standards or other terms or conditions of the permit; or
 - (d) The Puget Sound Clean Air Agency or EPA determines that the permit must be revised or revoked to assure compliance with the applicable requirements.
- (2) **Procedures.** 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.
- (3) **Notice.** Reopenings under this section shall not be initiated before a notice of such intent is provided to Kenworth by the Puget Sound Clean Air Agency at least thirty days in advance of the date that the permit is to be reopened, except that the Puget Sound Clean Air Agency may provide a shorter time period in the case of an emergency.

[WAC 173-401-730, 11/4/93]

VII. PERMIT SHIELD

Compliance with the conditions of the permit shall be deemed compliance with any applicable requirements contained in Sections I through VI of this permit that are specifically identified in this permit as of the date of permit issuance. [WAC 173-401-640(1), 11/4/93]

Nothing in this permit shall alter or affect the following:

- (1) The provisions of Section 303 of the FCAA (emergency orders), including the authority of the administrator under that section;
- (2) The liability of an owner or operator of Kenworth for any violation of applicable requirements prior to or at the time of permit issuance;
- (3) The applicable requirements of the acid rain program, consistent with Section 408(a) of the FCAA;
- (4) The ability of EPA to obtain information from a source pursuant to Section 114 of the FCAA; or
- (5) 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), 11/4/93]

VIII. INAPPLICABLE REQUIREMENTS

As of the date of permit issuance, the requirements listed below do not apply to Kenworth, or to the specific emissions units specified below for the reasons indicated. The permit shield applies to all requirements so identified. [WAC 173-401-640(2), 11/4/93]

Requirement	Adoption or Effective Date	Description and Reasons for Inapplicability Determination
40 CFR Part 64	10/3/97	Compliance Assurance Monitoring (CAM) Each of the emission units at Kenworth do not have a potential to emit (PTE) without control equipment that is greater than the major source threshold.
40 CFR Part 63 Subpart A	4/5/02	Kenworth is subject to a federally enforceable order, PSCAA General Regulatory Order No. 8884 dated July 24, 2003 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 MMMM	1/02/04	Miscellaneous Metal Parts and Products Surface Coating NESHAP. Kenworth is subject to a federally enforceable order, PSCAA General Regulatory Order No. 8884 dated July 24, 2003 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	4/19/04	Plastic Parts Surface Coating NESHAP. Kenworth is subject to a federally enforceable order, PSCAA General Regulatory Order No. 8884 dated July 24, 2003 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	2/26/04	Industrial, Commercial, and Institutional Boilers and Process Heaters NESHAP. Kenworth is subject to a federally enforceable order, PSCAA General Regulatory Order No. 8884 dated July 24, 2003 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	4/26/04	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 General Regulatory Order No. 8884 dated July 24, 2003 that limits its emissions of hazardous air pollutants (HAPs). The order limits HAP emissions to less than major source thresholds.
40 CFR Part 60 Subpart MM	10/5/79	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.

Requirement	Adoption or Effective Date	Description and Reasons for Inapplicability Determination
40 CFR 82, Subpart A	12/10/93	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	08/13/92	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	10/22/93	Federal procurement requirements. Kenworth is not a federal agency.
40 CFR 82, Subpart E	03/11/93	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.
Puget Sound Clean Air Agency Reg. I: 5.03	02/10/94 09/10/98	Puget Sound Clean Air Agency Regulation I, Section 5.03 is inapplicable per statute RCW 70.94.161(17). 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: 9.08	04/14/94	Fuel Oil Standards. Kenworth does not have any fuel burning equipment that is capable of burning fuel oil. If Kenworth decides to install or modify an applicable unit to burn oil, it would need to apply for approval from Puget Sound Clean Air Agency first.
Puget Sound Clean Air Agency Reg. I: 9.04	03/25/04	Does not apply since Kenworth is not required to use a continuous emission monitoring system (CEM) to assure compliance.
Puget Sound Clean Air Agency Reg. I, Article 12	04/09/98 08/10/89	Continuous Emission Monitoring System requirements are inapplicable since Kenworth is not required to use continuous emission monitors to assure compliance.
WAC 173-400-105(5)	09/20/93	Continuous Emission Monitoring System requirements are inapplicable since Kenworth is not required to use continuous emission monitors to assure compliance.
WAC 173-490-030	03/22/91	Operating permit sources are exempt from registration under RCW 70.94.161(17).
RCW 70.94.531 (State Only Requirement)	1991	The transportation demand management plan requirement is an inapplicable requirement since the requirement does not apply to emissions from a stationary source.
WAC 173-400-040(3)(b)	09/20/93	If emission unit identified to be a significant contributor to nonattainment status of area, reasonable and available control methods must be used. This rule does not apply because no emission units at Kenworth have been designated a significant contributor of pollutant to a nonattainment area.

Requirement	Adoption or Effective Date	Description and Reasons for Inapplicability Determination
WAC 173-400-040(8)(b)	09/20/93	If emission unit identified to be a significant contributor to nonattainment status of area, reasonable and available control methods must be used. This rule does not apply because no emission units at Kenworth have been designated a significant contributor to a PM-10 nonattainment area.
WAC 173-470	10/17/87	Ambient Air Quality Standards (AAQS) for PM. WAC 173-470, 474, 475, 480 and 481 do not apply because Ambient Air Quality Standards do not apply to stationary sources.
WAC 173-474	10/31/87	Ambient Air Quality Standards (AAQS) for SO ₂ . WAC 173-470, 474, 475, 480 and 481 do not apply because Ambient Air Quality Standards do not apply to stationary sources.
WAC 173-475	03/30/80	Ambient Air Quality Standards (AAQS) for CO, Ozone, and NO _x . WAC 173-470, 474, 475, 480 and 481 do not apply because Ambient Air Quality Standards do not apply to stationary sources.
WAC 173-480	06/08/86	Ambient Air Quality Standards (AAQS) and emission limits for radionuclides. WAC 173-470, 474, 475, 480 and 481 do not apply because Ambient Air Quality Standards do not apply to stationary sources.
WAC 173-481	10/17/87	Ambient Air Quality Standards (AAQS) and emission standards for fluorides. WAC 173-470, 474, 475, 480 and 481 do not apply because Ambient Air Quality Standards do not apply to stationary sources.
40 CFR Part 60: Subpart K Subpart Ka Subpart Kb	06/11/73 05/18/78 07/23/84	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.
Puget Sound Clean Air Agency Reg. II: 2.04	06/13/91	Puget Sound Clean Air Agency, Regulation II, Section 2.04 is inapplicable to the existing tanks because all volatile organic compound storage tanks are less than 40,000 gallons in capacity.
Puget Sound Clean Air Agency Reg. III: Article 2 for Motor Vehicle and Mobile Equipment Coating Operations subject to Puget Sound Clean Air Agency Reg II: 3.04 only	12/12/96	Review of toxic air contaminant sources. Regulation III, Section 2.01(a)(9), excludes motor vehicle and mobile equipment coating operations subject to Puget Sound Clean Air Agency Regulation II, Section 3.04 from requirements under Regulation III Article 2. Other parts of Article 2 (such as Section 2.05 and 2.07) are applicable to the non-motor vehicle coating operations at Kenworth.
WAC 173-460-060(6)(a)	02/14/94	Abrasive blasting performed inside booth or hanger. WAC 173-460-060(6)(a) is inapplicable because if Kenworth wanted to do any abrasive blasting, it would need to apply for approval from Puget Sound Clean Air Agency first.
Order of Approval No. 6074 Order of Approval No. 6977	8/16/95 10/21/97	Superseded by Order of Approval 6074, 8/8/03

Requirement	Adoption or Effective Date	Description and Reasons for Inapplicability Determination
General Regulatory Order No. 6654	4/10/97	Superseded by General Regulatory Order 8344, 7/24/03
Order of Approval No. 6074, Condition 5	8/8/03	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.

IX. APPENDICES

A. *Non-EPA Test Methods*

- 1. Puget Sound Clean Air Agency Method 5**
- 2. Ecology Method 9A**