

AMENDATORY SECTION (Amending WSR 16-12-099, filed 5/31/16, effective 7/1/16)

**WAC 173-400-060 Emission standards for general process units.**

General process units are required to meet all applicable provisions of WAC 173-400-040 and, no person shall cause or allow the emission of particulate material from any general process operation in excess of 0.23 grams per dry cubic meter at standard conditions (0.1 grain/dscf) of exhaust gas. Test methods (~~((in effect on the date in WAC 173-400-025))~~) from 40 C.F.R. Parts 51, 60, 61, and 63 (in effect on the date in WAC 173-400-025) and any other approved test procedures in ecology's "Source Test Manual - Procedures For Compliance Testing" as of September 20, 2004, (~~will~~) must be used to determine compliance.

AMENDATORY SECTION (Amending WSR 16-12-099, filed 5/31/16, effective 7/1/16)

**WAC 173-400-100 Source classifications. (1) Source classification list.** In counties without a local air pollution control authority, or for sources under the jurisdiction of ecology, the owner or operator of each source within the following source categories (~~shall~~) must register the source with ecology:

(a) Agricultural chemical facilities engaging in the manufacturing of liquid or dry fertilizers or pesticides;

(b) Agricultural drying and dehydrating operations;

(c) Any category of stationary source that includes an emissions unit subject to a new source performance standard (NSPS) under 40 C.F.R. Part 60 (in effect on the date in WAC 173-400-025), other than subpart AAA (Standards of Performance for New Residential Wood Heaters);

(d) Any stationary source(~~(7)~~) that includes an emissions unit subject to a National Emission Standard for Hazardous Air Pollutants (NESHAP) under 40 C.F.R. Part 61 (in effect on the date in WAC 173-400-025), other than:

(i) Subpart M (National Emission Standard for Asbestos); or

(ii) Sources or emission units emitting only radionuclides, which are required to obtain a license under WAC 246-247-060, and are subject to 40 C.F.R. Part 61, subparts H and/or I, and that are not subject to any other part of 40 C.F.R. Parts 61, 62, or 63, or any other parts of this section(~~(7)~~).

(e) Any source, or emissions unit subject to a National Emission Standard for Hazardous Air Pollutants for Source Categories (~~((Maximum Achievable Control Technology (MACT) standard))~~) under 40 C.F.R. Part 63 (in effect on the date in WAC 173-400-025) that is not subject to chapter 173-401 WAC;

(f) Any source, stationary source or emission unit with an emission rate of one or more pollutants equal to or greater than an "emission threshold" defined in WAC 173-400-030;

(g) Asphalt and asphalt products production facilities;

(h) Brick and clay manufacturing plants, including tiles and ceramics;

(i) Casting facilities and foundries, ferrous and nonferrous;

(j) Cattle feedlots with operational facilities which have an inventory of one thousand or more cattle in operation between June 1<sup>st</sup> and October 1<sup>st</sup>, where vegetation forage growth is not sustained over the majority of the lot during the normal growing season;

(k) Chemical manufacturing plants;

(l) Composting operations, including commercial, industrial and municipal, but exempting residential composting activities;

(m) Concrete product manufacturers and ready mix and premix concrete plants;

(n) Crematoria or animal carcass incinerators;

(o) Dry cleaning plants;

(p) Materials handling and transfer facilities that generate fine particulate, which may include pneumatic conveying, cyclones, baghouses, and industrial housekeeping vacuuming systems that exhaust to the atmosphere;

(q) Flexible vinyl and urethane coating and printing operations;

(r) Grain, seed, animal feed, legume, and flour processing operations, and handling facilities;

(s) Hay cubers and pelletizers;

(t) Hazardous waste treatment and disposal facilities;

(u) Ink manufacturers;

(v) Insulation fiber manufacturers;

(w) Landfills, active and inactive, including covers, gas collection systems or flares;

(x) Metal plating and anodizing operations;

(y) Metallic and nonmetallic mineral processing plants, including rock crushing plants;

(z) Mills such as lumber, plywood, shake, shingle, woodchip, veneer operations, dry kilns, pulpwood insulating board, or any combination thereof;

(aa) Mineralogical processing plants;

(bb) Other metallurgical processing plants;

(cc) Paper manufacturers;

(dd) Petroleum refineries;

(ee) Petroleum product blending operations;

(ff) Plastics and fiberglass product fabrication facilities;

(gg) Rendering plants;

(hh) Soil and groundwater remediation projects;

(ii) Surface coating manufacturers;

(jj) Surface coating operations including: Automotive, metal, cans, pressure sensitive tape, labels, coils, wood, plastic, rubber, glass, paper and other substrates;

(kk) Synthetic fiber production facilities;

(ll) Synthetic organic chemical manufacturing industries;

(mm) Tire recapping facilities;

(nn) Wastewater treatment plants;

(oo) Any source that has elected to opt-out of the operating permit program by limiting its potential-to-emit (synthetic minor) or is required to report periodically to demonstrate nonapplicability to EPA requirements under Sections 111 or 112 of Federal Clean Air Act.

(2) **Equipment classification list.** In counties without a local authority, the owner or operator of the following equipment ((shall)) must register the source with ecology:

(a) Boilers, all solid and liquid fuel burning boilers with the exception of those utilized for residential heating;

(b) Boilers, all gas fired boilers above 10 million British thermal units per hour input;

- (c) Chemical concentration evaporators;
- (d) Degreasers of the cold or vapor type in which more than five percent of the solvent is comprised of halogens or such aromatic hydrocarbons as benzene, ethylbenzene, toluene or xylene;
- (e) Ethylene oxide (ETO) sterilizers;
- (f) Flares utilized to combust any gaseous material;
- (g) Fuel burning equipment with a heat input of more than 1 million Btu per hour; except heating, air conditioning systems, or ventilating systems not designed to remove contaminants generated by or released from equipment;
- (h) Incinerators designed for a capacity of one hundred pounds per hour or more;
- (i) Ovens, burn-out and heat-treat;
- (j) Stationary internal combustion engines and turbines rated at five hundred horsepower or more;
- (k) Storage tanks for organic liquids associated with commercial or industrial facilities with capacities equal to or greater than 40,000 gallons;
- (l) Vapor collection systems within commercial or industrial facilities;
- (m) Waste oil burners above 0.5 mm Btu heat output;
- (n) Woodwaste incinerators;
- (o) Commercial and industrial solid waste incineration units subject to WAC 173-400-050(4);
- (p) Small municipal waste combustion units subject to WAC 173-400-050(5).

AMENDATORY SECTION (Amending WSR 11-06-060, filed 3/1/11, effective 4/1/11)

**WAC 173-400-101 Registration issuance.** (1) General. Any person operating or responsible for the operation of an air contaminant source for which registration and reporting are required (~~shall~~) must register the source emission unit with the permitting authority. The owner or operator (~~shall~~) must make reports containing information (~~as may be~~) required by the permitting authority concerning location, size and height of contaminant outlets, processes employed, nature and quantity of the air contaminant emission and such other information as is relevant to air pollution and available or reasonably capable of being assembled.

(2) Registration (~~form~~). Sources must provide registration information (~~shall be provided on forms supplied~~) in a manner and time prescribed by the permitting authority and (~~shall be completed and returned~~) must provide the required information within the time specified (~~on the form~~) by the permitting authority. Sources must list each emission unit(~~s~~) within the facility (~~shall be listed~~) separately unless the permitting authority determines that the facility may combine certain emission units (~~may be combined~~) into process streams for purposes of registration and reporting.

(3) Signatory responsibility. The owner, operator, or their designated management representative (~~shall~~) must sign the registration form for each source. The owner or operator of the source (~~shall be~~) is responsible for notifying the permitting authority of the existence

of the source, and for the accuracy, completeness, and timely submission of registration reporting information and any accompanying fee.

(4) Operational and maintenance plan. Owners or operators of registered sources within ecology's jurisdiction ~~((shall))~~ must maintain an operation and maintenance plan for process and control equipment. The plan ~~((shall))~~ must reflect good industrial practice and ~~((shall))~~ must include a record of performance and periodic inspections of process and control equipment. In most instances, a manufacturer's operations manual or an equipment operation schedule may be considered a sufficient operation and maintenance plan. The source owner or operator must review and update the plan ~~((shall be reviewed and updated by the source owner or operator))~~ at least annually. The source owner or operator must make a copy of the plan ~~((shall be made))~~ available to ecology upon request.

(5) Report of closure. The owner or operator must file a report of closure ~~((shall be filed))~~ with the permitting authority within ninety days after operations producing emissions permanently cease at any applicable source under this section.

(6) Report of change of ownership. A new owner or operator ~~((shall))~~ must report to the permitting authority within ninety days of any change of ownership or change in operator.

(7) Operating permit program source exemption. Permit program sources, as defined in RCW 70.94.030(18), are not required to comply with the registration requirements of WAC 173-400-100 through 173-400-104.

AMENDATORY SECTION (Amending WSR 11-06-060, filed 3/1/11, effective 4/1/11)

**WAC 173-400-102 Scope of registration and reporting requirements.** ~~((1) Administrative options. A source in a listed source category that is located in a county without an active local authority will be addressed in one of several ways:~~

~~(a) The source will be required to register and report once each year. The criteria for identifying these sources are listed in subsection (2) of this section.~~

~~(b) The source will be required to register and report once every three years. The criteria for identifying these sources are listed in subsection (3) of this section.~~

~~(c) The source will be exempted from registration program requirements. The criteria for identifying these sources are listed in subsection (4) of this section.~~

~~(2) Sources requiring annual registration and inspections. An owner or operator of a source in a listed source category that meets any of the following criteria shall register and report once each year:~~

~~(a) The source emits one or more air pollutants at rates greater than the "emission threshold" rates defined in WAC 173-400-030;~~

~~(b) Annual registration and reporting is necessary to comply with federal reporting requirements or emission standards; or~~

~~(c) Annual registration and reporting is required in a reasonably available control technology determination for the source category; or~~

~~(d) The director of ecology determines that the source poses a potential threat to human health and the environment.~~

~~(3) Sources requiring periodic registration and inspections.~~ An owner or operator of a source in a listed source category that meets any of the following criteria shall register and report once every three years:

~~(a) The source emits one or more air pollutants at rates greater than the emission rates listed in subsection (5) of this section and all air pollutants at rates less than the "emission threshold" rates defined in WAC 173-400-030; or~~

~~(b) More than de minimis amounts of one or more toxic air pollutants listed in WAC 173-460-150.~~

~~(4) Sources exempt from registration program requirements.~~ Any source included in a listed source category that is located in a county without an active local air authority is not required to register if:

~~(a) The source emits pollutants below emission rates specified in subsection (5) of this section; and~~

~~(b) The source or emission unit does not emit more than de minimis amounts of toxic air pollutants specified in WAC 173-460-150.~~

~~(5) Criteria for defining exempt sources.~~ The following emission rates will be used to identify listed sources that are exempt from registration program requirements:

Pollutant	Tons/Year
Carbon Monoxide.....	5.0
Lead.....	0.005
Nitrogen oxides.....	2.0
<b>PM-10</b> .....	<b>0.75</b>
<b>PM-2.5</b> .....	<b>0.5</b>
Total suspended particulates.....	1.25
Sulfur dioxide.....	2.0
Volatile organic compounds (VOC).....	2.0)

(1) Applicability. This section applies to sources subject to WAC 173-400-100 located in a county without a local air pollution control authority.

(2) A source that is subject to WAC 173-400-100, but not subject to new source review under WAC 173-400-110(5) must register with ecology.

(3) Emissions inventory report.

(a) An owner or operator must submit an emissions inventory report in a manner specified by ecology:

(i) Annually when mandated by an order of approval or a regulatory order; or

(ii) Upon request from ecology.

(b) An emissions inventory report must include the information required by ecology, an order of approval, or regulatory order:

(i) Emission sources;

(ii) Types and amounts of raw materials and fuels used;

(iii) Types, amounts and concentrations of air contaminants emitted;

(iv) Data on emission units and control devices;

(v) Data on emission points;

(vi) Other information related to the registration program as requested by ecology.

**WAC 173-400-103 Emission estimates.** (~~((1) Procedure for estimating emissions. In counties without an active local air pollution control authority, registration may include an estimate of actual emissions taking into account equipment, operating conditions, and air pollution control measures. Registration may also include a flowchart of plant processes, operational parameters, and specifications of air pollution control equipment. The emissions estimate shall be based upon actual test data or, in the absence of such data, upon procedures acceptable to ecology. Any emission data submitted to ecology shall be verifiable using currently accepted engineering criteria. The following procedures may be used to estimate emissions from individual sources or emissions units:~~

- ~~(a) Source-specific testing data;~~
- ~~(b) Mass balance calculations;~~
- ~~(c) A published, verifiable emission factor that is applicable to the source;~~
- ~~(d) Other engineering calculations; or~~
- ~~(e) Other procedures to estimate emissions that are acceptable to ecology.~~

~~(2) Owner or operator review. Ecology will provide the owner or operator of the source an opportunity to review any emission estimates prepared by ecology. An owner or operator may submit additional information and any justification for not using the methods listed above. This information will be evaluated by ecology to determine whether it is based on currently accepted engineering criteria. If none of the above methods are available or applicable to the source, an appropriate method will be established and approved by ecology on a case-by-case basis.)~~ (1) This section applies to a source subject to WAC 173-400-100 located in a county without a local air pollution control authority.

(2) Procedure for estimating emissions from a source.

(a) An emissions inventory report may include:

(i) An estimate of actual emissions taking into account equipment;

(ii) Operating conditions;

(iii) Air pollution control measures;

(iv) A flowchart of plant processes;

(v) Operational parameters; and

(vi) Specifications of air pollution control equipment.

(b) An owner or operator must base the emissions estimate on actual test data or, in the absence of test data, on procedures acceptable to ecology.

(c) Emission data submitted to ecology must be verifiable using currently accepted engineering criteria. Sources may use the following procedures to estimate emissions from individual sources or emissions units:

(i) Source-specific testing data;

(ii) Mass balance calculations;

(iii) A published, verifiable emission factor applicable to the source;

(iv) Other engineering calculations; or

(v) Other procedures to estimate emissions acceptable to ecology.

(3) Owner or operator review.

(a) By August 1st of each year, ecology must provide the owner or operator of the source an opportunity to review emission estimates prepared by ecology.

(b) An owner or operator may submit additional information and justification for not using the procedures in subsection (2) of this subsection.

(i) The owner or operator may propose a source-specific appropriate method.

(ii) Ecology must evaluate the information provided to determine whether the owner or operator based it on currently accepted engineering criteria.

(iii) If none of these methods are available or applicable to the source, ecology must establish and approve an appropriate method on a case-by-case basis.

(c) When estimating emissions, ecology must consider updates and revisions made to a source's operations during a calendar year to apply to emissions occurring during the entire calendar year.

(d) Emissions inventory review process.

(i) Ecology must:

(A) Notify each source of their draft emissions inventory by August 1st of each year in connection with notice on the draft tier placement in WAC 173-455-039;

(B) Distribute the notice by electronic means or by means of the United States postal service if ecology does not have an electronic means for the source or the source requests postal service notification.

(ii) Comment deadlines. An owner or operator must provide comments to ecology by:

(A) September 30th to change a tier placement or an emissions inventory determined by WAC 173-455-039 for an upcoming year; or

(B) October 1st or later to update a future emissions inventory.

(iii) Ecology must evaluate the request and make a final determination by:

(A) January 1st if a request was sent by September 30th of that year; or

(B) Within ninety days of receiving a request submitted under (ii) (B) of this subsection.

AMENDATORY SECTION (Amending WSR 11-06-060, filed 3/1/11, effective 4/1/11)

**WAC 173-400-104 Registration fees.** See chapter 173-455 WAC for ecology's (~~registration~~) fee schedule for 2019, 2020, 2021, and ecology's process for establishing registration fees for 2022 and beyond.

AMENDATORY SECTION (Amending WSR 16-12-099, filed 5/31/16, effective 7/1/16)

**WAC 173-400-105 Records, monitoring, and reporting.** The owner or operator of a source (~~shall~~) must upon notification by (~~the director of~~) ecology, maintain records on the type and quantity of

emissions from the source and other information deemed necessary to determine whether the source is in compliance with applicable emission limitations and control measures.

(1) **Emission inventory.** The ~~((owner(s) or operator(s)))~~ owner and operator of ~~((any))~~ an air contaminant source ~~((shall))~~ must submit an inventory of emissions from the source each year. The inventory ~~((will))~~ must include stack and fugitive emissions of particulate matter, PM-10, PM-2.5, sulfur dioxide, oxides of nitrogen, carbon monoxide, total reduced sulfur compounds (TRS), fluorides, lead, VOCs, ammonia, and other contaminants. ~~((The format))~~ Sources must provide registration information in a manner prescribed by the permitting authority for the submittal of these inventories ~~((will be specified by the permitting authority or ecology)).~~ When ~~((submittal of))~~ the permitting authority requests emission inventory information ~~((is requested))~~ for a calendar year, the owner or operator must submit the emissions inventory ~~((shall be submitted))~~ no later than ~~((one hundred five days))~~ April 15th after the end of the calendar year for which the emissions inventory was requested. If April 15th falls on a weekend, then the deadline to file shall be the next business day. The ~~((owner(s) or operator(s) shall))~~ owner and operator must maintain records of information necessary to substantiate any reported emissions, consistent with the averaging times for the applicable standards. The owner or operator may base emission estimates used in the inventory ~~((may be based))~~ on the most recent published EPA emission factors for a source category, or other information available to the ~~((owner(s) or operator(s)))~~ owner and operator, whichever is the better estimate.

(2) **Monitoring.** Ecology ~~((shall))~~ must conduct a continuous surveillance program to monitor the quality of the ambient atmosphere as to concentrations and movements of air contaminants. As a part of this program, the director of ecology or an authorized representative may require any source under the jurisdiction of ecology to conduct stack and/or ambient air monitoring and to report the results to ecology.

(3) **Investigation of conditions.** Upon presentation of appropriate credentials, for the purpose of investigating conditions specific to the control, recovery, or release of air contaminants into the atmosphere, personnel from ecology or an authority ~~((shall))~~ must have the power to enter at reasonable times upon any private or public property, excepting nonmultiple unit private dwellings housing one or two families.

(4) **Source testing.** To demonstrate compliance, ~~((ecology or))~~ the permitting authority may conduct or require that the owner or operator of a source conduct a test ~~((be conducted of the source))~~ using approved test methods from 40 C.F.R. Parts 51, 60, 61 ~~((and)),~~ 62, 63, 75 and 1065, as applicable (in effect on the date in WAC 173-400-025) or procedures contained in "*Source Test Manual - Procedures for Compliance Testing*," state of Washington, department of ecology, as of September 20, 2004, on file at ecology. The permitting authority may require the operator of a source ~~((may be required))~~ to provide the necessary platform and sampling ports for ecology personnel or others to perform a test of an emissions unit. ~~((Ecology shall be allowed))~~ The source owner or operator must allow the permitting authority to obtain a sample from any emissions unit. The permitting authority shall give the operator of the source ~~((shall be given))~~ an opportunity to observe the sampling and to obtain a sample at the same time.

(5) **Continuous monitoring and recording.** Owners and operators of the following categories of sources ~~((shall))~~ must install, calibrate,



maintain and operate equipment for continuously monitoring and recording those emissions specified.

(a) Fossil fuel-fired steam generators.

(i) Opacity, except where:

(A) Steam generator capacity is less than two hundred fifty million BTU per hour heat input; or

(B) Only gaseous fuel is burned.

(ii) Sulfur dioxide, except where steam generator capacity is less than two hundred fifty million BTU per hour heat input or if sulfur dioxide control equipment is not required.

(iii) Percent oxygen or carbon dioxide where such measurements are necessary for the conversion of sulfur dioxide continuous emission monitoring data.

(iv) General exception. These requirements do not apply to a fossil fuel-fired steam generator with an annual average capacity factor of less than thirty percent, as reported to the Federal Power Commission for calendar year 1974, or as otherwise demonstrated to ecology or the authority by the owner(s) or operator(s).

(b) **Sulfuric acid plants.** Sulfur dioxide where production capacity is more than three hundred tons per day, expressed as one hundred percent acid, except for those facilities where conversion to sulfuric acid is (~~utilized~~) used primarily as a means of preventing emissions to the atmosphere of sulfur dioxide or other sulfur compounds.

(c) Fluid bed catalytic cracking units catalyst regenerators at petroleum refineries. Opacity where fresh feed capacity is more than twenty thousand barrels per day.

(d) Wood residue fuel-fired steam generators.

(i) Opacity, except where steam generator capacity is less than one hundred million BTU per hour heat input.

(ii) Continuous monitoring equipment. The requirements of (e) of this subsection do not apply to wood residue fuel-fired steam generators, but continuous monitoring equipment required by (d) of this subsection (~~shall~~) must be subject to approval by ecology.

(e) Owners and operators of those sources required to install continuous monitoring equipment under this subsection (~~shall~~) must demonstrate to ecology or the authority, compliance with the equipment and performance specifications and observe the reporting requirements contained in 40 C.F.R. Part 51, Appendix P, Sections 3, 4 and 5 (in effect on the date in WAC 173-400-025).

(f) Special considerations. If for reason of physical plant limitations or extreme economic situations, ecology determines that continuous monitoring is not a reasonable requirement, the permitting authority will establish alternative monitoring and reporting procedures (~~will be established~~) on an individual basis. These will generally take the form of stack tests conducted at a frequency sufficient to establish the emission levels over time and to monitor deviations in these levels.

(g) Exemptions. This subsection (5) does not apply to any emission unit which is:

(i) Required to continuously monitor emissions due to a standard or requirement contained in 40 C.F.R. Parts 60, 61, 62, 63, or 75 (all in effect on the date in WAC 173-400-025) or a permitting authority's adoption by reference of (~~such~~) the federal standards. Emission units and sources subject to those standards (~~shall~~) must comply with the data collection requirements that apply to those standards.

(ii) Not subject to an applicable emission standard.

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

(7) Continuous emission monitoring system operating requirements. All continuous emission monitoring systems (CEMS) required by 40 C.F.R. Parts 60, 61, 62, 63, or 75 (all in effect on the date in WAC 173-400-025), or a permitting authority's adoption of those federal standards must meet the continuous emission monitoring systems (CEMS) performance specifications and data recovery requirements imposed by those standards. All CEMS required under an order, PSD permit, or regulation issued by a permitting authority and not subject to CEMS performance specifications and data recovery requirements imposed by 40 C.F.R. Parts 60, 61, 62, 63, or 75 must follow the continuous emission monitoring rule of the permitting authority, or if the permitting authority does not have a continuous emission monitoring rule, must meet the following requirements:

(a) The owner or operator (~~shall~~) must recover valid hourly monitoring data for at least (~~95~~) ninety-five percent of the hours that the equipment (required to be monitored) is operated during each calendar month except for periods of monitoring system downtime, provided that the owner or operator demonstrated that the downtime was not a result of inadequate design, operation, or maintenance, or any other (~~reasonable~~) reasonably preventable condition, and the source conducts any necessary repairs to the monitoring system (~~are conducted~~) in a timely manner.

Note: This means that a continuous emissions monitor (CEM) must provide valid data for all but thirty-six hours for each month (ninety-five percent standard).

(b) The owner or operator (~~shall~~) must install a continuous emission monitoring system that meets the performance specification in 40 C.F.R. Part 60, Appendix B in effect at the time of its installation, and (~~shall~~) must operate this monitoring system in accordance with the quality assurance procedures in Appendix F of 40 C.F.R. Part 60 (in effect on the date in WAC 173-400-025), and EPA's "Recommended Quality Assurance Procedures for Opacity Continuous Monitoring Systems" (EPA) 340/1-86-010.

(c) An owner or operator must reduce monitoring data commencing on the clock hour and containing at least forty-five minutes of monitoring data (~~must be reduced~~) to one hour averages. An owner or operator must reduce monitoring data for opacity (~~is to be reduced to~~) six minute block averages unless otherwise specified in the order of approval or permit. An owner or operator must include all monitoring data (~~will be included~~) in these averages except for data collected during calibration drift tests and cylinder gas audits, and for data collected subsequent to a failed quality assurance test or audit. After a failed quality assurance test or audit, a source must collect no valid data (~~is collected~~) until the monitoring system passes a quality assurance test or audit.

(d) An owner or operator must maintain continuous operation of all continuous monitoring systems except for instances of system breakdowns, repairs, calibration checks, and zero and span adjustments required under (~~subsection~~) (a) of this (~~section, all continuous monitoring systems shall be in continuous operation~~) subsection.

(i) Continuous monitoring systems for measuring opacity shall complete a minimum of one cycle of sampling and analyzing for each successive ten second period and one cycle of data recording for each successive six minute period.

(ii) Continuous monitoring systems for measuring emissions other than opacity (~~shall~~) must complete a minimum of one cycle of sampling, analyzing, and recording for each successive fifteen minute period.

(e) The owner or operator (~~shall~~) must retain all monitoring data averages for at least five years, including copies of all reports submitted to the permitting authority and records of all repairs, adjustments, and maintenance performed on the monitoring system.

(f) The owner or operator (~~shall~~) must submit a monthly report (or other frequency as directed by terms of an order, air operating permit or regulation) to the permitting authority within thirty days after the end of the month (or other specified reporting period) in which the owner or operator recorded the data (~~were recorded~~). The owner or operator may combine the report required by this section (~~may be combined~~) with any excess emission report required by WAC 173-400-108. This report (~~shall~~) must include:

(i) The number of hours that the monitored emission unit operated each month and the number of valid hours of monitoring data that the monitoring system recovered each month;

(ii) The date, time period, and cause of each failure to meet the data recovery requirements of (a) of this subsection and any actions taken to ensure adequate collection of such data;

(iii) The date, time period, and cause of each failure to recover valid hourly monitoring data for at least (~~90~~) ninety percent of the hours that the equipment (required to be monitored) was operated each day;

Note: A continuous emissions monitor (CEM) must provide valid data for all but two hours per day (ninety percent standard).

(iv) The results of all cylinder gas audits conducted during the month; and

(v) A certification of truth, accuracy, and completeness signed by an authorized representative of the owner or operator.

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