

The operating temperature of the TO must be maintained at the average operating temperature recorded during the most recent valid source test based on a one hour average.

- b. A continuous temperature monitoring system must be used to monitor the temperature in the combustion zone of the TO at all times that the unit is operating.
- c. Any period of one or more hours in which the operating temperature of the TO falls twenty-five (25) or more degrees Fahrenheit below the operating temperature required in Condition 2.7.a. must be documented by the permittee in an upset condition log. Each such event must be evaluated in accordance with OAR 340-214-0330 to determine if the upset was avoidable or unavoidable. (See Condition 5.7.)

MAXIMUM

3.0 PLANT SITE EMISSION LIMITS

3.1. Plant Site Emission Limits (PSEL)

Plant site emissions must not exceed the following:

Pollutant	Limit	Units
PM/PM ₁₀	14	tons per year
NO _x	39	tons per year
CO	99	tons per year
VOC	75	tons per year
Combined HAPs	24	tons per year
Single HAP	9	tons per year

3.2. Emission Limitation Period

The annual plant site emissions limits apply to any 12-consecutive calendar month period.

4.0 COMPLIANCE DEMONSTRATION

4.1. Testing Requirements

The permittee must conduct a source test of any new VOC abatement unit(s) as specified below:

- a. The permittee must perform an emission performance test of each VOC abatement unit which becomes newly installed and operational after the issue date of this permit, within 60 days after it achieves normal operation, but not later than 180 days after start-up of the abatement device.
- b. The Department may approve an extension of the testing deadline (above) if the permittee provides adequate justification for the extension. The Department may require an extension if the facility's operating capacity appears insufficient to provide representative emission data.
- c. Stack exhaust gas during each source test must be sampled while the facility is operating at approximately its

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fails to expeditiously take action to return the operating parameter to its established operating range.

- b. The permittee must observe the following operation and maintenance requirements for the caustic/acid gas scrubbers:
 - i. The permittee must post the following operational design specifications (ranges) on each scrubber at the facility:
 - (1) water/liquor flow rate
 - (2) differential pressure range
 - (3) pH
 - (4) conductivity
 - ii. The permittee must investigate and commence corrective action measures within 24 hours of any observed excursion of one or more of the operating parameter ranges identified in Conditions (1) through (4) above.
 - iii. An excursion of the identified operating parameter ranges is not a violation of this permit condition, however, it is a violation of this permit condition if the permittee fails to act in accordance with the requirements of Condition ii above.

3.0 PLANT SITE EMISSION LIMITS

3.1. Plant Site Emission Limits (PSEL)

Plant site emissions must not exceed the following:

Pollutant	Limit	Units
NO _x	39	tons per year
CO	99	tons per year
VOC	39	tons per year
Single HAP	9	tons per year
Combined HAPs	24	tons per year

2.7. RICE NESHAP

It is the permittee's responsibility to comply with all applicable requirements of 40 CFR 63, Subpart ZZZZ, which contains federal standards for hazardous air pollutants for affected Stationary Reciprocating Internal Combustion Engines (RICE). This regulation will be implemented by US EPA unless and until it is adopted by DEQ. The permittee must provide DEQ with a copy of all notifications and reports submitted to the US EPA under the area source NESHAP.

3.0 PLANT SITE EMISSION LIMITS

3.1. Plant Site Emission Limits (PSEL)

Plant site emissions must not exceed the following:

Pollutant	Limit	Units
NO _x	39	tons per year
CO	99	tons per year
VOC	39	tons per year

3.2. Emission Limitation Period

The plant site emission limits apply to any 12-consecutive calendar month period.

4.0 COMPLIANCE DEMONSTRATION

4.1. PSEL Compliance Monitoring

Compliance with the PSEL is determined for each 12-consecutive calendar month period based on the following calculation, performed for each pollutant:

$$E_{Year} = \sum [(P_n \times E_{fn}) + FAB_{MB}] \times K$$

Where:

E_{Year} = pollutant emission in tons/yr for the respective 12-month period.

n = the criteria pollutant of concern.

P_n = monitoring parameter identified for each process in Table 1 for the respective 12-month period.

E_{fn} = emission factor identified for each respective

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24. The permittee shall not use any ASTM Grade 1 distillate fuel oil containing more than 0.3 percent sulfur by weight. Fuel oil sulfur content shall be measured in accordance with condition 41. [OAR 340-228-0110(1)]
25. The permittee shall not use any ASTM Grade 2 distillate fuel oil containing more than 0.5 percent sulfur by weight. Fuel oil sulfur content shall be measured in accordance with condition 41. [OAR 340-228-0110(2)]

COMPLIANCE SCHEDULE

26. Requiring Permittee to comply with the following schedule:
Not later than three years following promulgation of the Plywood and Composite Wood Products National Emission Standard for Hazardous Air Pollutants (NESHAP), Permittee shall comply with the requirements of the NESHAP if Permittee is subject to the NESHAP. If Permittee is not subject to the NESHAP, within 24 months after the effective date of the NESHAP, Permittee shall submit to DEQ an acceptable plan to install a control device or devices to control opacity from the press vents and HEAF, and within 36 months install according to the approved plans and submit to DEQ a report demonstrating compliance with the opacity limitations in the permit.
27. By no later than March 15, 2002 the permittee shall submit to the Department a progress report meeting the requirements of OAR 340-218-0080(5) detailing the status of the NESHAP standard and its applicability to the hardboard plant, and any changes to the plant made to mitigate visible emissions from the press vents or the HEAF. The permittee shall then update and resubmit the report every 6 calendar months thereafter until promulgation of the Plywood and Composite Wood Products National Emission Standard for Hazardous Air Pollutants (NESHAP). By no later than 180 days after promulgation of the NESHAP, and every six months thereafter until the control equipment is installed, the permittee shall submit to the Department a report detailing progress on the installation of the control equipment required by condition 26.

PLANT SITE EMISSION LIMITS

28. The plant site emissions from the facility shall not exceed the following: [OAR 340-222-0020]

Plant Site Emission Limit	PM	PM ₁₀	SO ₂	NO _x	CO	VOC	Monitoring Condition
Facility Total	168 tons/12 mo.	140 tons/12 mo.	39 tons/12 mo.	118 tons/12 mo.	168 tons/12 mo.	.165 tons/12 mo.	57

TESTING REQUIREMENTS [OAR 340-218-0150(1)]

29. Unless otherwise specified in this permit, the permittee shall conduct all testing in accordance with the Department's Source Sampling Manual. [OAR 340-212-0120]
- 29.a. Only regular operating staff may adjust the processes or emission control device parameters during a compliance source test and within two (2) hours prior to the tests. Any operating adjustments made during a compliance source test, which are a result of consultation during the tests with source testing personnel, equipment vendors, or consultants, may render the source test invalid.
- 29.b. Unless otherwise specified by permit condition or Department approved source test plan, all compliance source tests shall be performed at maximum operating rates (90 to 110% of device design capacity).

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Insignificant Activities Emission Limits and Standards

24. Applicable Requirement: The Department acknowledges that insignificant emissions units (IEUs) identified by rule as either categorically insignificant activities or aggregate insignificant emissions as defined in OAR 340-200-0020 exist at facilities required to obtain an Oregon Title V Operating Permit. IEUs must comply with all applicable requirements. In general, the requirements that could apply to IEUs are incorporated as follows:

- 24.a. OAR 340-208-0110 (20% opacity)
- 24.b. OAR 340-226-0210 (0.1 gr/dscf for non-fugitive, non-fuel burning equipment)
- 24.c. OAR 340-226-0310 (process weight limit for non-fugitive, non-fuel burning process equipment)
- 24.d. OAR 340-228-0210 (0.1 gr/dscf corrected to 12% CO2 or 50% excess air for fuel burning equipment)
- 24.e. OAR 340-208-0600 (20% opacity, 30 seconds, for non-fuel burning equipment) [State only enforceable]
- 24.f. OAR 340-208-0610 (Particulate mater weigh standard except for equipment burning natural gas.) [State only enforceable]
- 24.g. OAR 340-208-0630 (1000 ppm Sulfur Dioxide limit) [State only enforceable]

Unless otherwise specified in this permit or an applicable requirement, the Department is not requiring any testing, monitoring, recordkeeping, or reporting for the applicable emissions limits and standards that apply to IEUs. However, if testing were performed for compliance purposes, the permittee would be required to use the test methods identified in the definitions of "opacity" and "particulate matter" in OAR 340-208-0010 and perform the testing in accordance with the Department's Source Sampling Manual.

PLANT SITE EMISSION LIMITS

25. Applicable Requirement: The plant site emissions, including insignificant activities, must not exceed the following for any 12 consecutive calendar month period: [OAR 340-222-0041]

Emissions Unit ID number	PM	PM ₁₀	PM _{2.5}	SO ₂	NO _x	CO	VOC	Monitoring Condition
FACILITY TOTALS	25 tons	15 tons	10 tons	---	---	---	83 tons	26

All PM₁₀ is assumed to be PM_{2.5} for this permit renewal, so the PM_{2.5} PSEL is the limiting factor.

26. Monitoring Requirement: The permittee must determine compliance with Condition 25 (Plant Site Emission Limits) as follows:

26.a. The permittee must monitor and record the quantity of woodwaste handled through the woodwaste loading operation on a calendar month basis, and must determine compliance with the particulate PSELs listed in Condition 25 using the following equation:

$$E_{ww} = \frac{\sum (WW \times EF)}{2000} + IA$$

Where

E_{ww} = Annual (each 12 consecutive month period) emissions from woodwaste handling system (EU-02)

WW = Calendar month woodwaste handled in tons