



## OREGON DEPARTMENT OF ENVIRONMENTAL QUALITY OREGON TITLE V OPERATING PERMIT

Western Region  
4026 Fairview Industrial Drive SE  
Salem, Oregon 97302  
503-378-8240

Issued in accordance with provisions of ORS 468A.040  
and based on land use compatibility findings included in the permit record.

**ISSUED TO:**

Roseburg Forest Products Co.  
Medford Facility  
PO Box 1088  
Roseburg, OR 97470

**INFORMATION RELIED UPON:**

Application Number: 33168  
Received: 6/28/2021, 4/8/2022

**PLANT SITE LOCATION:**

2685 North Pacific Highway  
Medford, Oregon 97501

**LAND USE COMPATIBILITY STATEMENT:**

Issued by: Jackson County  
Dated: 09/08/95

ISSUED BY THE DEPARTMENT OF ENVIRONMENTAL QUALITY

*Keith Andersen*

Keith Andersen, DEQ Western Region Administrator

August 18, 2022

Date

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<u>Nature of Business</u>		<u>SIC</u>	<u>NAICS</u>
Reconstituted Wood Products (Medium Density Fiberboard)	Primary	2493	321219
Fuel Burning Equipment	Supporting	4961	221330

**RESPONSIBLE OFFICIAL**

Title: President, Roseburg Forest Products  
And/or

Title: Director of Western Regional Manufacturing,  
Roseburg Forest Products

And/or

Title: Plant Manager, Roseburg Forest Products

**FACILITY CONTACT PERSON**

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## LIST OF ABBREVIATIONS THAT MAY BE USED IN THIS PERMIT

ACDP	Air Contaminant Discharge Permit
Act	Federal Clean Air Act
ASTM	American Society of Testing and Materials
BDT	Bone dry ton
Btu	British thermal unit
CFR	Code of Federal Regulations
CO	Carbon Monoxide
CO <sub>2</sub> e	carbon dioxide equivalent
COMS	Continuous opacity monitoring system
CPMs	Continuous parameter monitoring system
DEQ	Department of Environmental Quality
dscf	Dry standard cubic feet
EF	Emission factor
EPA	US Environmental Protection Agency
EU	Emissions Unit
FCAA	Federal Clean Air Act
FSA	Fuel sampling and analysis
GHG	Greenhouse gas
gr/dscf	Grain per dry standard cubic feet (1 pound = 7000 grains)
HAP	Hazardous Air Pollutant as defined by OAR 340-244-0040
HCFC	Halogenated Chloro-Fluoro-Carbons
ID	Identification number or label
IEUs	Insignificant emissions units
I&M	Inspection and maintenance
NA	Not applicable
NO <sub>x</sub>	Nitrogen oxides
O <sub>2</sub>	Oxygen
OAR	Oregon Administrative Rules
ODEQ	Oregon Department of Environmental Quality
ORS	Oregon Revised Statutes
O&M	Operation and maintenance
Pb	Lead
PCD	Pollution Control Device
PM	Particulate matter
PM <sub>10</sub>	Particulate matter less than 10 microns in size
PM <sub>2.5</sub>	Particulate matter less than 2.5 microns in size
ppm	Parts per million
PSEL	Plant Site Emission Limit
psia	Pounds per square inch, actual
RCO	Regenerative catalytic oxidizer
SERP	Source emissions reduction plan
SO <sub>2</sub>	Sulfur dioxide
ST	Source test
VE	Visible emissions
VMT	Vehicle miles traveled
VOC	Volatile organic compounds
WESP	Wet electrostatic precipitator

## PERMITTED ACTIVITIES

1. Until such time as this permit expires or is modified or revoked, the permittee is allowed to discharge air contaminants from those processes and activities directly related to or associated with air contaminant source(s) in accordance with the requirements, limitations, and conditions of this permit. [OAR 340-218-0010 and 340-218-0120(2)]
2. All conditions in this permit are federally enforceable, meaning that they are enforceable by DEQ, EPA, and citizens under the Clean Air Act, except Conditions 12, 13, 14, G5, and G9 (OAR 340-248-0005 through 340-248-0180) are only enforceable by the state. [OAR 340-218-0060]

## EMISSIONS UNIT (EU) AND POLLUTION CONTROL DEVICE (PCD) IDENTIFICATION

3. The emissions units regulated by this permit are the following [OAR 340-218-0040(3)]:

Emission Unit Description	EU ID	Pollution Control Device Description	PCD ID
Boiler	Boiler	Multiclone, High Temp Baghouse	BLRBH
Particle Dryers #2 (Face), #3 (Core)	Dryers 2 & 3	RCO	RCO
Miscellaneous Fugitive Sources	Misc. Fugitives	Enclosing material handling equipment	
Storage Piles	Piles	Enclosed storage piles	
Press Vents	Press	RCO	RCO
Press (uncaptured)	Press Fugitives	Partial enclosure	
Board Cooling Vents	Board Cooler	None	
Miscellaneous VOC Sources	Former, Saw and Trim Hog, Sander	None	
Facility-wide VOC use	Facility VOC	None	
Material Handling Equipment ADS M1 Raw Material Metering Face Pull Through Core Pull Through Reclaim Forming Head 1 Forming Head 2 Forming Head 4 Forming Head 5 Sander Waste House - C1 Cyclones (x4) Dryer Baghouse Relay - C2 Cyclone Raw Material Building - C3 Cyclone	M1	Baghouse 1 Baghouse 2 Baghouse 3 Baghouse 4 Baghouse 6 Baghouse 8 Baghouse 9 Baghouse 10 Baghouse 11 Baghouse 12 None None None	BH1 BH2 BH3 BH4 BH6 BH8 BH9 BH10 BH11 BH12
Emission units Dryers 2 & 3, Press, Board Cooler, M1, and AI PM sources for compliance with the emission limitations in OAR 340-240-0150(2). Emission	MDFHBR	See individual emission units	

Emission Unit Description	EU ID	Pollution Control Device Description	PCD ID
limitations established herein and stated in terms of pounds per 1000 square feet of production shall be computed on an hourly basis using the maximum eight-hour production capacity of the Press.			
Aggregate Insignificant (PM/PM <sub>10</sub> /PM <sub>2.5</sub> , VOC)	AI		

#### ALTERNATIVE OPERATING SCENARIOS

4. The permittee shall operate only under the following operating scenarios [OAR 340-218-0140(1)]:
- 4.a. In base operating scenario #1, sanderdust is burned in the Boiler with a natural gas sustaining flame that provides less than 10% of the total heat input and Boiler exhaust gases pass through the baghouse control device.
  - 4.b. In the alternative operating scenario #2, the Boiler is fired only on natural gas and Boiler exhaust gases bypass the baghouse control device.
  - 4.c. The permittee shall contemporaneously record changes from one alternative operating scenario to another. The record shall be made available or shall be submitted upon request by DEQ. [OAR 340-218-0140(1)(c)]

#### EMISSION LIMITS AND STANDARDS, TESTING, MONITORING, AND RECORDKEEPING REQUIREMENTS

The following tables and conditions contain the applicable requirements along with testing, monitoring, and recordkeeping requirements for the emissions units to which those requirements apply.

##### Facility-wide Requirements

Applicable Requirement	Condition Number	Pollutant/Parameter	Limit/Standard	Averaging Time	Testing Condition	Monitoring Condition
340-208-0210(1)	5	Fugitive emissions	Minimize	NA	NA	7
340-240-0180	6	FEC plan	Develop and implement plan	NA	NA	7
340-240-0190	8	O & M plan	Develop and implement plan	NA	NA	9
340-206-0050(2)	10	SERP	Source emission reduction plan	NA	NA	11
340-208-0300	12	Nuisance	No nuisance	NA	NA	14
340-208-0450	13	PM >250µm	No fallout	NA	NA	14
40 CFR Part 68	15	Risk management	Risk management plan	NA	NA	15
40 CFR Part 63, Subpart DDDD	16.a	HAPs	See Subpart DDDD and Appendix A	Appendix A	Appendix A	Appendix A
40 CFR Part 63 Subpart DDDDD	16.b	HAPs	See Subpart DDDDD and Appendix B	Appendix B	Appendix B	Appendix B

**Fugitive PM Emissions**

5. Applicable Requirement: The permittee must not allow or permit any materials to be handled, transported, or stored; or a building, its appurtenances, or a road to be used, constructed, altered, repaired or demolished; or any equipment to be operated, without taking reasonable precautions to prevent particulate matter from becoming airborne.
- 5.a. Such reasonable precautions must include, but not be limited to the following: [OAR 340-208-0210(1)]
- 5.a.i. Use, where possible, of water or chemicals for control of dust in the demolition of existing buildings or structures, construction operations, the grading of roads or the clearing of land;
  - 5.a.ii. Application of water, or other suitable chemicals on unpaved roads, materials stockpiles, and other surfaces which can create airborne dusts;
  - 5.a.iii. Full or partial enclosure of materials stockpiles in cases where application of water or chemicals are not sufficient to prevent particulate matter from becoming airborne;
  - 5.a.iv. Installation and use of hoods, fans, and fabric filters to enclose and vent the handling of dusty materials;
  - 5.a.v. Adequate containment during sandblasting or other similar operations;
  - 5.a.vi. Covering, at all times when in motion, open bodied trucks transporting materials likely to become airborne; and
  - 5.a.vii. Prompt removal from paved streets of earth or other material that does or may become airborne.
6. Applicable Requirement: The permittee shall prepare and implement a fugitive emission control (FEC) plan which shall identify reasonable measures to prevent particulate matter from becoming airborne. Special care will be taken by the facility to avoid the migration of material onto the public road system. [OAR 340-240-0180]
- 6.a. Such reasonable measures include, but are not limited to those identified in Condition 5.a and the following: [OAR 340-240-0180(2)]
- 6.a.i. The systematic paving of all unpaved roads and areas on which vehicular traffic occurs. Until an area is paved, subsection 6.a.ii applies;
  - 6.a.ii. Scheduled application of water, or other suitable chemicals on unpaved roads, log storage or sorting yards, material stockpiles, and other surfaces which can create airborne dust. Dust suppressant material must not adversely affect water quality;
  - 6.a.iii. Periodic sweeping or cleaning of paved roads and other areas as necessary to prevent migration of material onto the public road system;
  - 6.a.iv. Full or partial enclosure of materials stockpiled in cases where application of water or suitable chemicals are not sufficient to prevent particulate matter from becoming airborne;
  - 6.a.v. Installation and use of hoods, fans, and fabric filters to enclose and vent the handling of dusty materials;
  - 6.a.vi. Adequate containment during sandblasting or other similar operations;
  - 6.a.vii. Covering, at all times when in motion, open bodied trucks transporting materials likely to become airborne; and
  - 6.a.viii. Procedures for the prompt removal of earthen material, dirt, dust, or other material from paved streets.
- 6.b. Reasonable measures may include landscaping and using vegetation to reduce the migration of material onto public and private roadways.

- 6.c. The permittee shall supervise and control fugitive emissions and material that may become airborne caused by the activity of outside contractors delivering or removing materials at the site.
  - 6.d. The site-specific fugitive dust emissions control plan must be submitted to DEQ prior to or within 60 days of permit issuance or renewal. DEQ will approve or deny the plan within 30 days.
  - 6.e. The FEC plan shall be reviewed at least annually and may be changed upon written approval by DEQ. Revision does not constitute a reopening of this permit.
7. Monitoring Requirement: At least once each week, the permittee must visually monitor the plant for any sources of excess fugitive emissions. [OAR 340-218-0050(3)(a)(C)]
- 7.a. For the purpose of this monitoring, excess fugitive emissions are considered to be any visible emissions that leave the plant site boundaries for more than 18 seconds in a six-minute period. The person conducting the monitoring must follow the procedures of EPA Method 22. If sources of visible emissions are identified, the permittee must:
    - 7.a.i. Immediately take corrective action to minimize the fugitive emissions, including but not limited to those actions identified in Condition 5; or
    - 7.a.ii. Implement the fugitive emission control plan required by condition 6 whenever fugitive emissions leave the property for more than 18 seconds in a six-minute period.
  - 7.b. Recordkeeping: The permittee must maintain records of the fugitive emissions monitoring, corrective actions (if necessary), and the results of any EPA Method 22 tests.
8. Applicable Requirement: The permittee shall prepare and implement an operation and maintenance (O&M) plan for all emissions units and pollution control devices at the facility. The O&M plan should consider, but not be limited to, the requirements of the monitoring conditions in this permit and the following: [OAR 340-240-0190]
- 8.a. Personnel training in operation and maintenance;
  - 8.b. Preventative maintenance procedures, schedule and records;
  - 8.c. Logging of the occurrence and duration of all upsets, breakdowns and malfunctions which result in excessive emissions;
  - 8.d. Routine follow-up evaluation of upsets to identify the cause of the problem and changes needed to prevent a recurrence;
  - 8.e. Periodic source testing of pollution control units as required by the permit;
  - 8.f. Inspection of internal wear points of pollution control equipment during scheduled shutdowns; and
  - 8.g. Inventory of key spare parts.
9. Monitoring Requirement: The permittee shall maintain records in an operating log book, or other method specified in the facility O&M plan, of the results of all inspections and maintenance performed in accordance with the O&M plan required by Condition 8. [OAR 340-218-0050(3)(a)(C)]
10. Applicable Requirement: In the event an Air Pollution Alert, Warning, or Emergency Episode is declared in the Medford area by DEQ, the permittee shall take the actions listed in Roseburg Forest Product's Source Emission Reduction Plan (SERP) on file with DEQ. The SERP shall be available at all times on the source premises for inspection by DEQ personnel. The SERP shall be reviewed at least annually and may be changed upon written approval by DEQ. Revision does not constitute a reopening of this permit. [OAR 340-206-0050]
11. Monitoring Requirement: The permittee shall maintain records in a log book of air pollution episodes and emission reduction actions performed in accordance with Condition 10. [OAR 340-218-0050(3)(a)(C)]

## Nuisance Conditions

12. Applicable Requirement: The permittee must not cause or allow air contaminants from any source to cause a nuisance. Nuisance conditions will be verified by DEQ personnel. [OAR 340-208-0300] This condition is enforceable only by the State.
13. Applicable Requirement: The permittee must not cause or permit the deposition of any particulate matter larger than 250 microns in size at sufficient duration or quantity, as to create an observable deposition upon the real property of another person. [OAR 340-208-0450] This condition is enforceable only by the State.
14. Monitoring Requirement: The permittee must maintain a log of each nuisance complaint received by the permittee during the operation of the facility. Documentation must include date of contact, time of observed nuisance condition, description of nuisance condition, location of receptor, status of plant operation during the observed period, and time of response to complainant. A plant representative must immediately investigate the condition following the receipt of the nuisance complaint and a plant representative must provide a response to the complainant within 24 hours, if possible. This condition is only enforceable by the state. [OAR 340-218-0050(3)(a)(C)]

#### **Accidental Release Prevention**

15. Applicable Requirement: Should this stationary source become subject to the accidental release prevention regulations in 40 CFR Part 68, then the permittee must submit a risk management plan (RMP) by the date specified in 40 CFR 68.10 and comply with the plan and all other applicable Part 68 requirements. [40 CFR Part 68]

#### **National Emission Standards for Hazardous Air Pollutants (NESHAPs)**

16. The permittee must comply with the following specific NESHAPs and applicable parts of 40 CFR Part 63, Subpart A:

##### **Plywood and Composite Wood Products NESHAP**

- 16.a. The permittee must comply with all relevant provisions of the Plywood and Composite Wood Products NESHAP (40 CFR Part 63 Subpart DDDD), incorporated in this permit by reference as Appendix A. If a conflict exists between the language or conditions in Appendix A with 40 CFR Part 63, Subpart DDDD the language in 40 CFR Part 63, Subpart DDDD takes precedence.

##### **Industrial, Commercial, and Institutional Boilers and Process Heaters NESHAP**

- 16.b. The permittee must comply with all relevant provisions of the Industrial, Commercial, and Institutional Boilers and Process Heaters NESHAP (40 CFR Part 63 Subpart DDDDD), incorporated in this permit by reference as Appendix B. If a conflict exists between the language or conditions in Appendix B with 40 CFR Part 63, Subpart DDDDD the language in 40 CFR Part 63, Subpart DDDDD takes precedence.

#### **Boiler Requirements (EU: Boiler)**

Applicable Requirement	Condition Number	Pollutant/Parameter	Limit/Standard	Averaging Time	Testing Condition	Monitoring Condition
340-240-0110(1)(b)	17	Visible emissions	5% opacity	6-minute average	22	19
40 CFR 60.43c(c)	18	Visible emissions	20% opacity; 27% opacity max per hour	6-minute average; 6-minute period	22	19
340-240-0110(1)(a)	20	PM	0.015 gr/dscf	3 hr average	22	19
40 CFR 60.43c(b)(1)	21	PM	0.10 lbs/MMBtu	avg. of 3 test runs	22	19
340-240-0210 (2)(a)	24	CO/O <sub>2</sub>	NA	Continuous	NA	24
40 CFR 60.43c(g)	25	Fuel Usage	Record fuels used in Boiler	Monthly Recordkeeping	NA	25
40 CFR Part 63 Subpart DDDDD	26	HAP	Operate Boiler in compliance with requirements of DDDDD	Recordkeeping	NA	Appendix B

### Visible Emissions Standard

17. Applicable Requirement: The permittee shall limit visible emissions from the Boiler such that opacity does not exceed 5% as a six minute average, unless the permittee demonstrates by source test that emissions can be limited to LAER at higher visible emissions, but in no case may emissions equal or exceed 10% opacity as a six minute average. [OAR 340-240-0110(1)(b)]

- 17.a. The visible emissions standards in this condition are based on the average of 24 consecutive observations recorded at 15-second intervals which comprise a six-minute block. Six-minute blocks need not be consecutive in time and in no case may two blocks overlap. For each set of 24 observations, the six-minute block average is calculated by summing the opacity of the 24 observations and dividing the sum by 24. Six-minute block averages are measured by:
- 17.a.i. EPA Method 9; or
  - 17.a.ii. A continuous opacity monitoring system (COMS) installed and operated in accordance with the DEQ Continuous Monitoring Manual or 40 CFR part 60; or
  - 17.a.iii. An alternative monitoring method approved by DEQ that is equivalent to EPA Method 9.

18. Applicable Requirement: The permittee shall not cause to be discharged into the atmosphere from the Boiler any gases that exhibit greater than 20 percent opacity (6-minute average), except for one 6-minute period per hour of not more than 27 percent opacity. [40 CFR 60.43c(c)] The opacity standard under this section applies at all times that sanderdust is combusted, except during periods of startup, shutdown, or malfunction. [40 CFR 60.43c(d)]

- 18.a. The visible emissions standards in this condition are based on the average of 24 consecutive observations recorded at 15-second intervals which comprise a six-minute block. Six-minute blocks need not be consecutive in time and in no case may two blocks overlap. For each set of 24 observations, the six-minute block average is calculated by summing the opacity of the 24 observations and dividing the sum by 24. Six-minute block averages are measured by:
- 18.a.i. EPA Method 9; or
  - 18.a.ii. A continuous opacity monitoring system (COMS) installed and operated in accordance with the DEQ Continuous Monitoring Manual or 40 CFR part 60; or

- 18.a.iii. An alternative monitoring method approved by DEQ that is equivalent to EPA Method 9.

### Visible Emissions Monitoring

19. Monitoring Requirement: The permittee shall install, calibrate, maintain, and operate a continuous opacity monitoring system (COMS) in accordance with Performance Specification 1 (PS-1) as outlined in Appendix B to 40 CFR Part 60, and the DEQ Continuous Monitoring Manual (DEQ CMM). [OAR 340-240-0210(2)(c)]
- 19.a. The span value of the opacity COMS shall be between 60 and 80 percent. [40 CFR 60.47c (b)]
  - 19.b. The zero and span calibration drift shall be measured and recorded daily when the COMS is in operation. [DEQ CMM C.1]
  - 19.c. The owner or operator shall maintain records of all COMS data in a file and/or log book, including each period during which the COMS was inoperative except for zero and span checks; and the records must be made available to DEQ personnel upon request. [DEQ CMM 7.0]
  - 19.d. All COMS shall complete a minimum of one cycle of sampling and analyzing for each successive 10-second period [DEQ CMM 6.0]
  - 19.e. Monitored data shall be reduced and reported as 6-minute, 1-hour and monthly averages. [DEQ CMM C.2 3]
  - 19.f. For 6-minute and 1-hour reporting averages, a minimum of 75% data completeness must be present for average to be valid. [DEQ CMM C.2 4]
  - 19.g. Prepare and maintain written Quality Assurance Plan (QAP) or standard operating procedures (SOPs) for each COMS. [DEQ CMM 3.1] Contents of the QAP or SOPs shall include;
    - 19.g.i. Source owner or operator name and address
    - 19.g.ii. Identification, description and location of monitor
    - 19.g.iii. Description and location of the sample interface
    - 19.g.iv. Manufacturer and model number of monitor
    - 19.g.v. Equipment involved
    - 19.g.vi. Procedures for routine operation checks, including daily zero and span checks
    - 19.g.vii. Procedures for preventative maintenance
    - 19.g.viii. Spare parts inventory
    - 19.g.ix. Procedures for calculating and converting COMS data into units of the standard
    - 19.g.x. Documentation

### PM Emissions Standard

20. Applicable Requirement: The permittee shall not cause or allow the emission of particulate matter, for any three (3) hour average period, in excess of 0.015 grains per standard cubic foot from emissions unit Boiler corrected to 12% CO<sub>2</sub> or 50% excess air. [OAR 340-240-0110(1)(a) ]
21. Applicable Requirement: The permittee shall not cause or allow the emissions of particulate matter from the Boiler in excess of 0.10 pounds per million Btu heat input during any time period where wood is fired. [40 CFR 60.43c(b)(1)] The PM standard under this section applies at all times when sanderdust is combusted, except during periods of startup, shutdown, or malfunction. [40 CFR 60.43c(d)] During times when the boiler is fired on natural gas only, the exhaust may be emitted directly to atmosphere.

### PM Emissions Testing

22. Oregon Method 5 and EPA Methods 1 through 4 shall be used for measuring particulate matter emissions from the Boiler. Each test run shall be a minimum of 60 minutes long with a minimum sample volume of 31.8 dscf, unless otherwise approved by DEQ. Test results shall be reported as pounds per hour, pounds per thousand pounds of steam produced, and grains per dry standard cubic foot corrected to 12% CO<sub>2</sub>. Source tests shall be conducted while firing the Boiler on sanderdust.
- 22.a. The Boiler shall be tested once each calendar year. [OAR 340-240-0220(1)(a)]

- 22.b. Unless otherwise specified by permit condition or DEQ approved source test plan, sanderdust-fired boiler compliance source tests must be performed as follows:
  - 22.b.i. At least 90% of the design capacity for new or modified equipment; or
  - 22.b.ii. At least 90% of the maximum production capacity for existing equipment; or
  - 22.b.iii. At least 90% of the normal maximum operating rate for existing equipment. For purposes of this permit, the normal maximum operating rate is defined as the 90th percentile of the average hourly operating rates during a 12 month period immediately preceding the source test. Data supporting the normal maximum operating rate must be included with the source test report.
  - 22.b.iv. If the process rate during the test is determined by Condition 22.b.iii, the permittee must maintain production records on an hourly basis in addition to any other records that may be required by this permit or an applicable requirement.
- 22.c. During each test run, the permittee shall record the following information:
  - 22.c.i. Boiler steaming rate (lb/hour)
  - 22.c.ii. Boiler excess oxygen (%)
  - 22.c.iii. Visible emissions as measured by EPA Method 9 for a minimum of 6 minutes during or within 30 minutes before or after each Oregon Method 5 test run or as measured by a COMS
  - 22.c.iv. Sanderdust and natural gas usage rates
- 22.d. The maximum steaming rate for the boiler may not exceed the average steam production rate measured during the most recent source test by more than ten percent (10%). [OAR 340-240-0220]

#### **Emission Factor Verification Testing**

- 23. Once per permit term and during one of the tests required by Condition 22, but no later than 18 months prior to the expiration date of this permit, the permittee shall conduct emission factor verification tests on the Boiler in accordance with the DEQ Source Sampling Manual for NO<sub>x</sub> using EPA Method 7E or other methods approved by DEQ. [OAR 340-218-0050(3)(a)(C)]

#### **Carbon Monoxide and Oxygen Monitoring**

- 24. Monitoring Requirement: The permittee shall continuously monitor steam production and carbon monoxide and oxygen concentrations for the Boiler during periods when the Boiler is operating. [OAR 340-240-0210(2)(a) and (c)]

#### **Fuel Monitoring**

- 25. Monitoring Requirement: The permittee shall monitor the type and amount of fuel burned in the Boiler on a monthly basis. [40 CFR 60.48c(g)(2)]

#### **Boiler and Process Heater NESHAP**

- 26. The permittee shall operate and maintain the Boiler in compliance with the applicable requirements of 40 CFR Part 63 Subpart DDDDD, the Boiler and Process Heater NESHAP, following the conditions in Appendix B.

#### **Particle Dryer and Press Requirements (EU: Dryers 2 & 3, Press, RCO)**

Applicable Requirement	Condition Number	Pollutant/Parameter	Limit/Standard	Averaging Time	Testing Condition	Monitoring Condition
340-208-0110(4)	27	Visible emissions	20% opacity	6-minute block average	30	28
340-226-0210(2)(b)	29	PM	0.14 gr/dscf	avg. of 3 test runs	30	27

### Visible Emissions Standard

27. Applicable Requirement: The permittee must comply with the following visible emission limits for emissions units Dryers 2 & 3, Press, and the RCO: [OAR 340-208-0110(4)]
- 27.a. Any visible emissions may not equal or exceed an average of 20 percent opacity; and
- 27.b. The visible emissions standards in this condition are based on the average of 24 consecutive observations recorded at 15-second intervals, or more frequently as allowed under Condition 27.b.ii, which comprise a six-minute block. Six-minute blocks need not be consecutive in time and in no case may two blocks overlap. For each set of 24 observations, the six-minute block average is calculated by summing the opacity of the 24 observations and dividing the sum by 24. Six-minute block averages are measured by:
- 27.b.i. EPA Method 9; or
- 27.b.ii. A continuous opacity monitoring system (COMS) installed and operated in accordance with the DEQ Continuous Monitoring Manual or 40 CFR part 60; or
- 27.b.iii. An alternative monitoring method approved by DEQ that is equivalent to EPA Method 9.

### Visible Emissions Monitoring

28. Monitoring Requirement: The permittee must monitor visible emissions from the RCO stack (includes exhaust from Dryers 2 & 3 and the press) by conducting an EPA Method 22 visible emissions survey. [OAR 340-218-0050(3)(a)(C)]
- 28.a. The EPA Method 22 visible emissions observation must be conducted at least once each quarter of operation.
- 28.b. If visible emissions, excluding condensed water vapor, are detected for more than 5% (18 seconds) of the survey time, EPA Method 9 shall be conducted on that monitoring point within 24 hours.
- 28.c. Each EPA Method 9 test shall be conducted for a minimum of one 6-minute block.
- 28.d. All visible emissions observations and EPA Method 9 tests must be performed during periods that the emission units to which the opacity standards apply are in operation and that have the potential to create visible emissions.
- 28.e. If, on a regularly scheduled visible emission monitoring test day, it is not possible to conduct the observation due to inclement weather conditions or interference from other fugitive sources, the permittee must make three attempts during the day at approximately 10 a.m., noon, and 2 p.m. If it is still not possible to conduct the test, the permittee must perform the test the following day. The permittee must record in a log the reason for not conducting the test on a regularly scheduled test day.
- 28.f. If an exceedance occurs, the surveys and/or observations for the exceeding monitoring point will start over with monthly surveys and/or observations.
- 28.g. If the surveys and/or observations conducted during 4 consecutive months after an exceedance show opacity within the applicable limits, the surveys and/or observations may revert to quarterly observations again.

### PM Emissions Standard

29. Applicable Requirement: The permittee may not emit particulate matter emissions from emissions units Dryers 2 & 3, Press, and the RCO in excess of 0.14 grains per dry standard cubic foot. [OAR 340-226-0210(2)(b)]

### PM Emissions Testing

30. Oregon Method 7 shall be used for measuring particulate matter emissions from the RCO for Dryers 2 & 3 and Press at least once per permit term, but no later than 18 months prior to the expiration date of this permit. Each test run shall be a minimum of 60 minutes long with a minimum sample volume of 31.8 dscf, unless otherwise approved by DEQ. Test results shall be reported as pounds per hour, pounds per ton of material dried (gross throughput), and pounds per thousand square feet of MDF production on a 3/4" basis. [OAR 340-218-0050(3)(a)(C)]
- 30.a. During each test run, the permittee shall record the following information:
- 30.a.i. Total tons of material dried for each dryer;
  - 30.a.ii. MDF production on a 3/4" basis (or 1/8" basis) of boards pressed;
  - 30.a.iii. Visible emissions as measured by EPA Method 9 for a minimum of 6 minutes during or within 30 minutes before or after each Oregon Method 7 test run; and,
  - 30.a.iv. Control device operating parameters including the RCO operating temperature.

### Emission Factor Verification Testing

31. Once per permit term, but no later than 18 months prior to the expiration date of this permit, the permittee shall conduct an emission factor verification test on the RCO for Dryers 2 & 3 and Press in accordance with the DEQ Source Sampling Manual for CO, NO<sub>x</sub>, and VOC using EPA Methods 10, 7E, and 25A; respectively, or other methods approved by DEQ. If applicable, any testing conducted for 40 CFR 63 Subpart DDDD compliance purposes can be used to satisfy the VOC test in this condition but must be performed in accordance with the requirements in that Subpart. [OAR 340-218-0050(3)(a)(C)]

### Continuous Monitoring

32. Monitoring Requirement: The permittee shall install, calibrate, maintain, and operate a continuous parameter monitoring system (CPMS) for measuring the RCO combustion chamber temperature in accordance with the applicable requirements of 40 CFR 63 Subpart DDDD, the Plywood and Composite Wood Products NESHAP, following the conditions in Appendix A. [OAR 340-218-0050(3)(a)(C)]

### Board Cooler Requirements (EU: Board Cooler)

Applicable Requirement	Condition Number	Pollutant/Parameter	Limit/Standard	Averaging Time	Testing Condition	Monitoring Condition
340-208-0110(4)	33	Visible emissions	20% opacity	6-minute block average	NA	344
340-226-0210(2)(b)	35	PM	0.14 gr/dscf	avg. of 3 test runs	NA	34

### Visible Emissions Standard

33. Applicable Requirement: The permittee must comply with the following visible emission limits for the Board Cooler: [OAR 340-208-0110(4)]
- 33.a. Any visible emissions may not equal or exceed an average of 20 percent opacity; and

- 33.b. The visible emissions standards in this condition are based on the average of 24 consecutive observations recorded at 15-second intervals, or more frequently as allowed under Condition 33.b.ii, which comprise a six-minute block. Six-minute blocks need not be consecutive in time and in no case may two blocks overlap. For each set of 24 observations, the six-minute block average is calculated by summing the opacity of the 24 observations and dividing the sum by 24. Six-minute block averages are measured by:
- 33.b.i. EPA Method 9; or
  - 33.b.ii. A continuous opacity monitoring system (COMS) installed and operated in accordance with the DEQ Continuous Monitoring Manual or 40 CFR part 60; or
  - 33.b.iii. An alternative monitoring method approved by DEQ that is equivalent to EPA Method 9.

### Visible Emissions Monitoring

34. Monitoring Requirement: The permittee must monitor visible emissions from the stack or vents of the Board Cooler by conducting an EPA Method 22 visible emissions survey. [OAR 340-218-0050(3)(a)(C)]
- 34.a. The EPA Method 22 visible emissions observation must be conducted at least once each quarter of operation.
  - 34.b. If visible emissions, excluding condensed water vapor, from the Board Cooler is detected for more than 5% (18 seconds) of the survey time, EPA Method 9 shall be conducted on that monitoring point within 24 hours.
  - 34.c. Each EPA Method 9 test shall be conducted for a minimum of one 6-minute block.
  - 34.d. All visible emissions observations and EPA Method 9 tests must be performed during periods that the emission units to which the opacity standards apply are in operation and that have the potential to create visible emissions.
  - 34.e. If, on a regularly scheduled visible emission monitoring test day, it is not possible to conduct the observation due to inclement weather conditions or interference from other fugitive sources, the permittee must make three attempts during the day at approximately 10 a.m., noon, and 2 p.m. If it is still not possible to conduct the test, the permittee must perform the test the following day. The permittee must record in a log the reason for not conducting the test on a regularly scheduled test day.
  - 34.f. If an exceedance occurs, the surveys and/or observations for the exceeding monitoring point will start over with monthly surveys and/or observations.
  - 34.g. If the surveys and/or observations conducted during 4 consecutive months after an exceedance show opacity within the applicable limits, the surveys and/or observations may revert to quarterly observations again.

### PM Emissions Standard

35. Applicable Requirement: The permittee may not emit particulate matter emissions from emissions unit Board Cooler in excess of 0.14 grains per dry standard cubic foot. [OAR 340-226-0210(2)(b)]

### Material Handling Group Requirements (EU: M1)

Applicable Requirement	Condition Number	Pollutant/Parameter	Limit/Standard	Averaging Time	Testing Condition	Monitoring Condition
340-208-0110(4)	36	Visible emissions	20% opacity	6-minute block average	NA	37
OAR 340-226-0210(2)(b)	38	PM	0.14 gr/dscf	avg. of 3 test runs	NA	37

Applicable Requirement	Condition Number	Pollutant/Parameter	Limit/Standard	Averaging Time	Testing Condition	Monitoring Condition
OAR 340-240-0130	39	PM	98.5% control if emissions >10 tons/yr	NA	NA	40

### Visible Emissions Standard

36. Applicable Requirement: The permittee must comply with the following visible emission limits for Material Handling Group M1: [OAR 340-208-0110(4)]
- 36.a. Any visible emissions may not equal or exceed an average of 20 percent opacity; and
- 36.b. The visible emissions standards in this condition are based on the average of 24 consecutive observations recorded at 15-second intervals, or more frequently as allowed under Condition 36.b.ii, which comprise a six-minute block. Six-minute blocks need not be consecutive in time and in no case may two blocks overlap. For each set of 24 observations, the six-minute block average is calculated by summing the opacity of the 24 observations and dividing the sum by 24. Six-minute block averages are measured by:
- 36.b.i. EPA Method 9; or
- 36.b.ii. A continuous opacity monitoring system (COMS) installed and operated in accordance with the DEQ Continuous Monitoring Manual or 40 CFR Part 60; or
- 36.b.iii. An alternative monitoring method approved by DEQ that is equivalent to EPA Method 9.

### Visible Emissions Monitoring

37. Monitoring Requirement: The permittee must monitor visible emissions from the Material Handling Group that vent outdoors by conducting an EPA Method 22 visible emissions survey. [OAR 340-218-0050(3)(a)(C)]
- 37.a. The EPA Method 22 visible emissions observation must be conducted at least once each quarter of operation.
- 37.b. If visible emissions, excluding condensed water vapor, from the Material Handling Group is detected for more than 5% (18 seconds) of the survey time, EPA Method 9 shall be conducted on that monitoring point within 24 hours.
- 37.c. Each EPA Method 9 test shall be conducted for a minimum of one 6-minute block.
- 37.d. All visible emissions observations and EPA Method 9 tests must be performed during periods that the emission units to which the opacity standards apply are in operation and that have the potential to create visible emissions.
- 37.e. If, on a regularly scheduled visible emission monitoring test day, it is not possible to conduct the observation test due to inclement weather conditions or interference from other fugitive sources, the permittee must make three attempts during the day at approximately 10 a.m., noon, and 2 p.m. If it is still not possible to conduct the test, the permittee must perform the test the following day. The permittee must record in a log the reason for not conducting the test on a regularly scheduled test day.
- 37.f. If an exceedance occurs, the surveys and/or observations for the exceeding monitoring point will start over with monthly surveys and/or observations.
- 37.g. If the surveys and/or observations conducted during 4 consecutive months after an exceedance show opacity within the applicable limits, the surveys and/or observations may revert to quarterly observations again.

**PM Emissions Standard**

38. Applicable Requirement: The permittee may not emit particulate matter emissions from emissions unit M1 in excess of 0.14 grains per dry standard cubic foot. [OAR 340-226-0210(2)(b)]

**Air Conveyance Standard and Monitoring**

39. Applicable Requirement: Any air conveying system within each emissions unit M1 that emits greater than 10 tons per year of particulate matter to the atmosphere shall, with the prior written approval of DEQ, be equipped with a control system with collection efficiency of at least 98.5 percent. [OAR 340-240-0130]
40. Monitoring Requirement: The permittee shall monitor the emissions of all air conveying systems in accordance with the procedures contained in this permit and submit a plan for installing a control device with at least a 98.5% efficiency to DEQ immediately upon discovering that the emissions will exceed 10 tons per year. The permittee is assumed in compliance with this condition if it maintains existing baghouses (B1 through B14) in place. [OAR 340-218-0050(3)(a)(C)]

**Medium Density Fiberboard Manufacturing Operations Specific Emission Limits and Standards Requirements (EU: MDFHBR)**

Applicable Requirement	Condition Number	Pollutant/Parameter	Limit/Standard	Averaging Time	Testing Condition	Monitoring Condition
340-240-0150(2)	41	PM	90.8 lb/hr (0.55 lb PM/1000 ft <sup>2</sup> (1/8" basis) or 3.30 lb PM/1000 ft <sup>2</sup> (3/4" basis) MDF production)	Daily	NA	42

**Hardboard Rule**

41. The permittee must not cause or allow the emission of particulate matter (PM) emissions in excess of 90.8 lbs/hr from emissions unit MDFHBR on a daily basis. [OAR 340-240-0150(2)]

**Hardboard Rule Monitoring**

42. The permittee must perform the following monitoring to demonstrate compliance with the limits of Condition 41. [OAR 340-218-0050(3)(a)(C)]
- 42.a. The permittee must calculate the combined daily hourly average particulate emission rate from emissions unit MDFHBR by dividing the total daily emissions from all the equipment in this emissions unit by the MDF production of emissions unit Press for that day. The results from these calculations will then be compared to the standard in Condition 41. The calculations for each day must be performed within 7 days of the given day.
- 42.b. As an alternative to the above emission calculation monitoring, the permittee may keep daily records demonstrating that the production of emissions unit Press does not exceed 165,000 square feet per hour (1/8 inch finished basis) or 27,500 square feet per hour (3/4 inch finished basis) as a daily hourly average. The daily hourly average production values must be computed within 7

days of the given day.

- 42.c. Recordkeeping: Records shall be maintained of the calculations and the results compared to the standard in Condition 41.

### Insignificant Activities Requirements

43. DEQ 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:
- 43.a. OAR 340-208-0110 (opacity)
  - 43.b. OAR 340-228-0210 (grain loading)
  - 43.c. OAR 340-226-0210 (grain loading)
  - 43.d. OAR 340-226-0310 (process weight limit for non-fugitive, non-fuel burning process equipment)
  - 43.e. The permittee must not allow gasoline to be handled in a manner that would result in vapor releases to the atmosphere for extended periods of time. Measures to be taken include, but are not limited to the following: [40 CFR 63.11116(a), (b), (d) and OAR 340-244-0240, federally enforceable]
    - 43.e.i. Minimize gasoline spills;
    - 43.e.ii. Clean up spills as expeditiously as practicable;
    - 43.e.iii. Cover all open gasoline containers and all gasoline storage tank fill-pipes with a gasketed seal when not in use;
    - 43.e.iv. Minimize gasoline sent to open waste collection systems that collect and transport gasoline to reclamation and recycling devices, such as oil/water separators.
    - 43.e.v. The permittee is not required to submit the notifications or reports as specified in 40 CFR 63.11124 and 63.11126, or subpart A, but must have records available within 24 hours of a request by DEQ to document gasoline throughput.
    - 43.e.vi. Portable gasoline containers that meet the requirements of 40 CFR Part 59, subpart F, are considered acceptable for compliance with Condition 43.e.iii.
  - 43.f. In addition to the measures specified in Condition 43.e, the permittee must take the following measures to minimize vapor releases: [OAR 340-244-0240, state only enforceable]
    - 43.f.i. Do not top off or overfill vehicle tanks. If a person can confirm that a vehicle tank is not full after the nozzle clicks off (such as by checking the vehicle's fuel tank gauge), the person may continue to dispense fuel using best judgment and caution to prevent a spill;
    - 43.f.ii. Post a sign at the gasoline dispensing facility (GDF) instructing a person filling up a motor vehicle to not top off the vehicle tank;
    - 43.f.iii. Ensure that cargo tanks unloading at the GDF comply with Conditions 43.e.i through 43.e.iii, 43.f.i, and 43.f.ii.
    - 43.f.iv. The permittee must only load gasoline into storage tanks at the facility by utilizing submerged filling, as defined in OAR 340-244-0030. The submerged fill pipe must be no more than 12 inches from the bottom of the storage tank.

Unless otherwise specified in this permit or an applicable requirement, DEQ 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 and perform the testing in accordance with DEQ's Source Sampling Manual.

### PLANT SITE EMISSION LIMITS

44. Applicable Requirement: The permittee must not cause or allow plant site emissions to exceed the

following limits for any 12 consecutive calendar month period: [OAR 340-222-0035 through OAR 340-222-0041]

Pollutant	Plant Site Emission Limit (tons/yr)	Unassigned Emissions Until Next Permit Renewal (tons/yr)
PM	63	172
PM <sub>10</sub>	57	160
PM <sub>2.5</sub>	54	47
SO <sub>2</sub>	39	-0-
NO <sub>x</sub>	214	26
CO	229	110
VOC	85	28
GHG (CO <sub>2</sub> e)	101,400	-0-

- 44.a. The permittee may only use Unassigned Emissions after any necessary construction (OAR 340-218-0190) and permit revision applications (OAR 340-218-0120 through 340-218-0180) have been approved by DEQ. [OAR 340-222-0055(4)].
- 44.b. The Unassigned Emissions, if not used by the facility during this permit term, will be reduced to no more than the SER at the next permit renewal. [OAR 340-222-0055(3)]
45. Applicable Requirement: The permittee must not cause or allow plant site emissions to exceed the following short term limit: [OAR 340-222-0042]

Emissions Unit(s)	Pollutant	PSEL
Boiler, RCO (Dryers 2 & 3 and Press), Misc. Fugitives, Piles, Board Cooler, M1, and AI PM sources	PM <sub>10</sub>	421 lbs/day

- 45.a. The permittee shall determine compliance with the daily plant site emissions limit by summing the daily emissions determined by Condition 46.b. for the emission units listed above. [OAR 340-218-0050(3)(a)(C)]

Monitoring Requirement: [OAR 340-218-0050(3)(a)(C)]

46. Except for GHG and Facility VOCs, the permittee must determine compliance with the Plant Site Emission Limits established in Condition 44 and 45 of this permit by conducting monitoring and calculations for each 12-month period in accordance with the following procedures, test methods, and frequencies:

- 46.a. The permittee shall maintain records of the following process parameters:

Emissions Unit	Process Parameter	Units	Frequency	Measurement Method
Boiler	Steam production	Mlb steam produced	Daily	Steam flow meter
	Fuel usage	Sanderdust Heat Input, NG Heat Input	Daily	Records

Emissions Unit	Process Parameter	Units	Frequency	Measurement Method
Dryers 2 & 3	Furnish dried, Natural gas burned	Bone dry tons, NG Heat Input	Daily	Records
RCO (control device)	Natural gas burned	MMcf of natural gas	Daily	Records
Press Board Cooler	Finished MDF	MSF – ¾” basis (or 1/8” basis)	Daily	Records
Facility VOC	VOC Chemical Usage	Gallons, VOC content	Monthly	Usage or purchase records, SDS

46.b. The permittee must calculate emissions for all emission units, except for Facility VOC, using the following formula, process parameters, and emission factors:

$$E = \sum_i (P_{eui} \times EF_{eui} \times K) + AI$$

where:

E	=	Pollutant emissions in lbs/month and tons/yr;
P <sub>eu</sub>	=	Process parameter identified in the table below;
EF <sub>eu</sub>	=	Emission factor identified for each emissions unit and pollutant in the table below;
K	=	Conversion constant: 1 lb/lb for daily and monthly emissions calculations; 1 ton/2,000 lbs for annual emissions calculations;
AI	=	Aggregate insignificant emissions (PM/PM <sub>10</sub> /PM <sub>2.5</sub> and VOC only)

Emission Source Description	Throughput Type [Units]	Emission Factors (lb/throughput unit)						
		PM	PM <sub>10</sub>	PM <sub>2.5</sub>	SO <sub>2</sub>	NO <sub>x</sub>	CO	VOC
Boiler (SD & NG)	Steam Production [Mlb steam]	0.035	0.035	0.0347	---	0.69	0.317	---
Boiler (SD & NG)	Sanderdust Heat Input [MMBtu]	---	---	---	0.025	---	---	0.017
Boiler (NG only)	Natural Gas Heat Input (MMBtu)	0.0025	0.0025	0.0025	0.0017	0.10	0.084	0.0055
RCO (Dryers 2 & 3 & Press)	Furnish [BDT]	0.246	0.246	0.246	0.01	0.083	0.997	0.264
RCO and Dryers 2 & 3	Natural Gas Usage (MMscf)	--	--	--	1.70	--	--	--
Press (uncaptured)	Finished MDF [MSF ¾”]	0.026	0.0084	0.0042	---	---	---	0.041
Board Cooler	Finished MDF [MSF ¾”]	0.054	0.0038	0.0019	---	---	---	0.049
M1	Finished MDF [MSF ¾”]	0.125	0.117	0.100	---	---	---	--
Misc. Fugitives	Furnish Dried [BDT]	0.0025	0.0012	0.00017	---	---	---	0.165
Piles	Constant Time [year]	2000	2000	300	---	---	---	---
Other Sources	Finished MDF [MSF ¾”]	---	---	---	---	---	---	0.130
Aggregate insignificant emissions	Constant Time (year)	2000	2000	2000	---	---	---	2000

46.c. VOC emissions from emissions unit Facility VOC shall be added to the VOC emissions calculated

by Condition 46.b. for comparison to the PSEL listed in Condition 44 and are calculated as follows:

$$E_{FWVOC} = [\sum(C_X * D_X * K_X) - W] * Z$$

where,

$E_{FWVOC}$	=	VOC emissions (lbs/month, tons/year);
C	=	Material usage for the period in gallons;
D	=	Material density in pounds per gallon;
K	=	VOC concentration expressed as a decimal;
X	=	Subscript X represents a specific material;
W	=	Weight of VOC shipped offsite as hazardous or non-hazardous waste;
Z	=	conversion constant: 1 ton/2000 lbs.

As an alternative to D and K above, the permittee may use the VOC concentration given in pounds per gallon in the calculation.

- 46.d. The emissions factors listed in Condition 46.b are not enforceable limits unless otherwise specified in this permit. Compliance with PSELs must only be determined by the calculations contained in this condition.

## EMISSION FEES

47. Emission fees will be based on the Plant Site Emissions Limits, unless the permittee elects to report actual emissions for one or more permitted processes/pollutants. [OAR 340-220-0090]

## GENERAL TESTING REQUIREMENTS

48. Unless otherwise specified in this permit, the permittee must conduct all testing in accordance with DEQ's Source Sampling Manual. [OAR 340-212-0120]
- 48.a. Unless otherwise specified by a state or federal regulation, the permittee must submit a source test plan to DEQ at least 30 days prior to the date of the test. The test plan must be prepared in accordance with the Source Sampling Manual and address any planned variations or alternatives to prescribed test methods. Permittee should be aware, if significant variations are requested, it may require more than 30 days for DEQ to grant approval and may require EPA approval in addition to approval by DEQ.
- 48.b. 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.
- 48.c. Unless otherwise specified by permit condition or DEQ approved source test plan, all compliance source tests must be performed as follows:
- 48.c.i. At least 90% of the design capacity for new or modified equipment; or
  - 48.c.ii. At least 90% of the maximum operating rate for existing equipment; or
  - 48.c.iii. At least 90% of the normal maximum operating rate for existing equipment. For purposes of this permit, the normal maximum operating rate is defined as the 90th percentile of the average hourly operating rates during a 12 month period immediately preceding the source test. Data supporting the normal maximum operating rate must be included with the source test report.
- 48.d. Each source test must consist of at least three (3) test runs and the emissions results must be reported as the arithmetic average of all valid test runs. If for reasons beyond the control of the permittee a test run is invalid, DEQ may accept two (2) test runs for demonstrating compliance with the emission limit or standard.

- 48.e. Source test reports prepared in accordance with DEQ's Source Sampling Manual must be submitted to DEQ within 60 days of completing any required source test, unless a different time period is approved in the source test plan submitted prior to the source test.
49. Although source testing is not required by this permit for the permit conditions listed below, if source testing is conducted in addition to the monitoring specified in this permit, the permittee shall use the following test methods and averaging times to measure the pollutant emissions:

Permit Condition	Test Method	Averaging Time	Special conditions
27, 33 and 36	EPA Method 9 in accordance with the DEQ Source Sampling Manual	6 minutes	
35 and 38	DEQ Method 5, 7, or 8	average of three test runs	DEQ Method 8 is for sources with exhaust gases at essentially ambient conditions (e.g. material handling cyclones); DEQ Method 7 is for direct contact combustion sources (e.g. particle and veneer dryers); DEQ Method 5 is for indirect contact fuel burning equipment (e.g. boilers) and any other source.

## GENERAL MONITORING AND RECORDKEEPING REQUIREMENTS

### General Monitoring Requirements:

50. The permittee must not knowingly render inaccurate any required monitoring device or method. [OAR 340-218-0050(3)(a)(E)]
51. The permittee must use the same methods to determine compliance as those used to determine actual emissions for fee purposes and can be no less rigorous than the requirements of OAR 340-218-0080. [OAR 340-218-0050(3)(a)(F)]
52. The permittee must comply with the monitoring requirements on the date of permit issuance unless otherwise specified in the permit or an applicable requirement. [OAR 340-218-0050(3)(a)(G)]

### General Recordkeeping Requirements

53. The permittee must maintain the following general records of testing and monitoring required by this permit: [OAR 340-218-0050(3)(b)(A)]
- 53.a. The date, place as defined in the permit, and time of sampling or measurements;
  - 53.b. The date(s) analyses were performed;
  - 53.c. The company or entity that performed the analyses;
  - 53.d. The analytical techniques or methods used;
  - 53.e. The results of such analyses;
  - 53.f. The operating conditions as existing at the time of sampling or measurement; and
  - 53.g. The records of quality assurance for continuous monitoring systems (including but not limited to quality control activities, audits, calibration drift checks).
54. Unless otherwise specified by permit condition, the permittee must make every effort to maintain 100 percent of the records required by the permit. If information is not obtained or recorded for legitimate reasons (e.g., the monitor or data acquisition system malfunctions due to a power outage), the missing record(s) will not be considered a permit deviation provided the amount of data lost does not exceed 10% of the averaging periods in a reporting period or 10% of the total operating hours in a reporting period, if no averaging time is specified. Upon discovering a required record is missing, the permittee must document the reason for the missing record. In addition, any missing record that can be recovered from

other available information will not be considered a missing record. [OAR 340-214-0110, 340-214-0114, and 340-218-0050(3)(b)]

55. The permittee must comply with the recordkeeping requirements on the date of permit issuance unless otherwise specified in the permit or an applicable requirement. [OAR 340-218-0050(3)(b)(C)]
56. Unless otherwise specified, the permittee must retain records of all required monitoring data and support information for a period of at least five (5) years from the date of the monitoring sample, measurement, report, or application. Support information includes all calibration and maintenance records and all original strip-chart recordings (or other original data) for continuous monitoring instrumentation, and copies of all reports required by the permit. All existing records required by the previous Air Contaminant Discharge Permit or Oregon Title V Operating Permit must also be retained for five (5) years from the date of the monitoring sample, measurement, report, or application. [OAR 340-218-0050(b)(B)]

### Specific Recordkeeping Requirements

57. Recordkeeping: The permittee must maintain the following source specific records: [OAR 340-218-0050(3)(a)(C)]
  - 57.a. Monthly amounts of fuel burned in the Boiler by fuel type [40 CFR 60.48c(g)(2)];
  - 57.b. Daily and monthly amounts of the steam produced in the Boiler;
  - 57.c. Daily and monthly gross amount of furnish dried (BDT basis) in Dryers 2 & 3;
  - 57.d. Daily and monthly amounts natural gas burned in Dryers 2 & 3;
  - 57.e. Daily and monthly amount of MDF produced (ft<sup>2</sup> – 1/8 “ and/or 3/4” basis);
  - 57.f. Monthly amount of chemical usage and VOC content;
  - 57.g. Records of operation and maintenance activities and RCO bed temperature;
  - 57.h. Records of corrective actions taken as a result of action level excursions;
  - 57.i. Records of the visible emissions observation reports and corrective action log;
  - 57.j. Records of the occurrence and length of downtime for all pollution control devices;
  - 57.k. Source test and emission factor verification test reports;
  - 57.l. Plant site emissions for the facility;
  - 57.m. Excess emissions;
  - 57.n. Records of the weekly facility excess fugitive emissions inspections and corrective action;
  - 57.o. Records of air pollution episodes and emission reduction actions performed, upon occurrence;
  - 57.p. Records of nuisance complaints and investigation response actions performed, upon occurrence.

## REPORTING REQUIREMENTS

### General Reporting Requirements

58. Excess Emissions Reporting: The permittee must report all excess emissions as follows: [OAR 340-214-0300 through 340-214-0360]
  - 58.a. Immediately (by 9 am on the day following the event) notify DEQ of an excess emission event by phone, email, or facsimile; and
  - 58.b. Within 15 days of the excess emissions event, submit a written report that contains the following information: [OAR 340-214-0340(1)]
    - 58.b.i. The date and time of the beginning of the excess emissions event and the duration or best estimate of the time until return to normal operation;
    - 58.b.ii. The date and time the permittee notified DEQ of the event;
    - 58.b.iii. The equipment involved;
    - 58.b.iv. Whether the event occurred during planned startup, planned shutdown, scheduled maintenance, or as a result of a breakdown, malfunction, or emergency;

- 58.b.v. Steps taken to mitigate emissions and corrective action taken, including whether the approved procedures for a planned startup, shutdown, or maintenance activity were followed;
- 58.b.vi. The magnitude and duration of each occurrence of excess emissions during the course of an event and the increase over normal rates or concentrations as determined by continuous monitoring or best estimate (supported by operating data and calculations);
- 58.b.vii. The final resolution of the cause of the excess emissions; and
- 58.b.viii. Where applicable, evidence supporting any claim that emissions in excess of technology-based limits were due to any emergency pursuant to OAR 340-214-0360.
- 58.c. In the event of any excess emissions which are of a nature that could endanger public health and occur during non-business hours, weekends, or holidays, the permittee must immediately notify DEQ by calling the Oregon Emergency Response System (OERS). The current number is 1-800-452-0311.
- 58.d. If startups, shutdowns, or scheduled maintenance may result in excess emissions, the permittee must submit startup, shutdown, or scheduled maintenance procedures used to minimize excess emissions to DEQ for prior authorization, as required in OAR 340-214-0310 and 340-214-0320. New or modified procedures must be received by DEQ in writing at least 72 hours prior to the first occurrence of the excess emission event. The permittee must abide by the approved procedures and have a copy available at all times.
- 58.d.i. If the event is covered by the startup, shutdown, and malfunction (SSM) plan required by Appendix A or B to this permit, then the requirements of Condition 57 and 58 do not apply in relation to the NESHAP standards.
- 58.e. The permittee must continue to maintain a log of all excess emissions in accordance with OAR 340-214-0340(3). However, the permittee is not required to submit the detailed log with the semi-annual and annual monitoring reports. The permittee is only required to submit a brief summary listing the date, time, and the affected emissions units for each excess emission that occurred during the reporting period. [OAR 340-214-0340(4)(a)]
- 59. Permit Deviations Reporting: The permittee must promptly report deviations from permit requirements that do not cause excess emissions, including those attributable to upset conditions, as defined in the permit, the probable cause of such deviations, and any corrective actions or preventive measures taken. "Prompt" means within 15 days of the deviation. Deviations that cause excess emissions, as specified in OAR 340-214-0300 through 340-214-0360 must be reported in accordance with Condition 58. [OAR 340-218-0050(3)(c)(B)]
- 60. All required reports must be certified by a responsible official consistent with OAR 340-218-0040(5); [OAR 340-218-0050(3)(c)(D)]
- 61. Reporting requirements must commence on the date of permit issuance unless otherwise specified in the permit. [OAR 340-218-0050(3)(c)(E)]

Addresses of regulatory agencies are the following, unless otherwise instructed:

Submit all Notices and applications that do not include payment to the Western Region's Permit Coordinator.

Submit all reports (annual reports, source test plans and reports, etc.) to DEQ's Western Region. If you know the name of the Air Quality staff member

Submit payments for invoices, applications to modify the permit, and any other payments to DEQ's Business Office:

DEQ – Air Quality Division  
700 NE Multnomah St., Suite 600  
Portland, OR 97232  
503-229-5263

Submit all reports for EPA requirements to:

Air Operating Permits  
US Environmental Protection Agency  
Mail Stop OAQ-108  
1200 Sixth Avenue  
Seattle, WA 98101

responsible for your permit,  
please include it.

Western Region Air Quality  
Department of Environmental  
Quality  
221 Stewart Ave, Suite 201  
Medford, OR 97501

### Monthly Reporting

62. The permittee must submit copies of opacity, steam production, and carbon monoxide and oxygen concentrations for the Boiler based on the continuous monitoring required by Conditions 19 and 24 to the DEQ Western Region Office in Medford by no later than the 30<sup>th</sup> day following the end of each calendar month. The report shall include hourly averages for opacity, steam production, carbon monoxide concentration, and oxygen concentration from the Boiler as well as monthly averages for the four parameters. [OAR 340-240-0210(2)(a) and (c)]

### Semi-annual and Annual Reports

63. The permittee must submit three (3) copies of reports of any required monitoring at least every 6 months, completed on forms approved by DEQ. Six month periods are January 1 to June 30, and July 1 to December 31. One copy of the report must be submitted to the EPA and two copies to the DEQ regional office. All instances of deviations from permit requirements must be clearly identified in such reports: [OAR 340-218-0050(3)(c)(A) and 340-218-0080(6)(d)]]
- 63.a. The first semi-annual report is due on August 31 and must include the semi-annual compliance certification (R1002 and R1003 if there are permit deviations). [OAR 340-218-0050(3)(c)(A)(i)].
- 63.b. The annual report is due on March 15 and must consist of the following: [OAR 340-218-0050(3)(c)(A)(ii)]
- 63.b.i. The emission fee report (F1101 and F1102); [OAR 340-220-0100]
- 63.b.ii. A summary of the excess emissions upset log; [OAR 340-214-0340]
- 63.b.iii. The second semi-annual compliance certification (R1002 and R1003 if there are permit deviations); [OAR 340-218-0050(3)(c)(A)(i)]
- 63.b.iv. The annual certification that the risk management plan is being properly implemented, if applicable; OAR 340-244-0230. [OAR 340-218-0080(7)]
- 63.b.v. CAO Annual Zoning and Exposure Location Verification form AQ540 or other DEQ approved forms that include statements verifying the following [OAR 340-245-0100(7)(c), (8)(a)(F) and (G)]:
- 63.b.v.A. Change in zoning within 1.5 kilometers and whether that change increases the source risk;
- 63.b.v.B. Change in land use and whether that change increases the source risk.
- 63.b.vi. Other annual reporting requirements: [OAR 340-214-0220]
- 63.b.vi.A. records of the 12 month rolling totals of steam produced in the Boiler;
- 63.b.vi.B. records of the 12 month rolling totals of fuel usage in the Boiler, Dryers 2&3, and the RCO;
- 63.b.vi.C. records of the 12 month rolling totals of furnish dried;
- 63.b.vi.D. records of the 12 month rolling totals of finished MDF (1/8 " and/or 3/4" basis);
- 63.b.vi.E. the annual emission inventory report for the prior calendar year (R1001)

64. The semi-annual compliance certification must include the following (provided that the identification of applicable information may cross-reference the permit or previous reports, as applicable): [OAR 340-218-0080(6)(c)]
- 64.a. The identification of each term or condition of the permit that is the basis of the certification;
  - 64.b. The identification of the method(s) or other means used by the permittee for determining the compliance status with each term and condition during the certification period, and whether such methods or other means provide continuous or intermittent data. Such methods and other means must include, at a minimum, the methods and means required under OAR 340-218-0050(3). *Note: Certification of compliance with the monitoring conditions in the permit is sufficient to meet this requirement, except when the permittee must certify compliance with new applicable requirements that are incorporated by reference into the permit. When certifying compliance with new applicable requirements that are not yet in the permit, the permittee must provide the information required by this condition.* If necessary, the permittee must identify any other material information that must be included in the certification to comply with section 113(c)(2) of the FCAA, which prohibits knowingly making a false certification or omitting material information;
  - 64.c. The status of compliance with terms and conditions of the permit for the period covered by the certification, including whether compliance during the period was continuous or intermittent. The certification must be based on the method or means designated in Condition 64.b of this rule. The certification must identify each deviation and take it into account in the compliance certification. The certification must also identify as possible exceptions to compliance any periods during which compliance is required and in which an excursion or exceedance, as defined under OAR 340-200-0020, occurred; and
  - 64.d. Such other facts as DEQ may require to determine the compliance status of the source.
65. Greenhouse Gas Registration and Reporting: If the calendar year emission rate of greenhouse gases (CO<sub>2</sub>e) is greater than or equal to 2,756 tons (2,500 metric tons), the permittee must register and report its greenhouse gas emissions with DEQ in accordance with OAR 340 Division 215. The greenhouse gas report must be certified by the responsible official consistent with OAR 340-218-0040(5). [OAR 340-215-0030(2)(b) and -0041(1)]
66. Notwithstanding any other provision contained in any applicable requirement, the permittee may use monitoring as required under OAR 340-218-0050(3) and incorporated into the permit, in addition to any specified compliance methods, for the purpose of submitting compliance certifications. [OAR 340-218-0080(6)(e)]

**NON-APPLICABLE REQUIREMENTS**

67. The following State and Federal air quality requirements are not applicable to this facility for the reasons stated. [OAR 340-218-0110(1)(b)]

Applicable Requirement	Reason Code	Applicable Requirement	Reason Code	Applicable Requirement	Reason Code	Applicable Requirement	Reason Code
<b>OAR Chapter 340:</b>						<b>40 CFR</b>	
<b>Division 202</b>		<b>Division 230:</b>		<b>Division 240:</b>		Part 55	b
0050 through 0220	g	0100 through 0150	e	0120	e	Part 57	b
<b>Division 208</b>		0200 through 0230	e	0140	e	Part 60, except subparts A, Dc and appendixes	b
0510 through 0610	d	0310 through 0500	e	0150	e	Part 61, except subpart A, M, and appendixes	b
<b>Division 214</b>		<b>Division 232:</b>		0160	e	Part 63, except subparts A, DDDD, DDDDD, and appendixes	b
0210 through 0220	c	0050 through 0230	c	0320 through 0610	c	Part 72 through 76	b
<b>Division 222</b>		<b>Division 234:</b>		<b>Division 242:</b>		Part 77	b
0040	h	0110 through 0140	e	0070 through 0630	d	Part 78	b
0090	h	0210 through 0270	b	<b>Division 245:</b>		Part 82, except subpart F	b
<b>Division 226:</b>		0500 through 0540	b	9000 through 9080	b	Part 85 through 89	b
0310 through 0320	e	<b>Division 236:</b>		<b>Division 258:</b>			
<b>Division 228:</b>		0310 through 0330	b	0110 through 0400	b		
0120	f	0410 through 0440	b	<b>Division 260:</b>			
0200	e	0500	b	0030	b		
0300	f	<b>Division 238:</b>		0040	b		
		0100	b	<b>Division 264:</b>			
		<b>Division 240:</b>		0100 through 0160	d		
		0150	b	0175 through 0180	d		

Reason code definitions:

- a this pollutant is not emitted by the facility
- b the facility is not in this source category
- c the facility is not in a special control/nonattainment area
- d the facility is not in this county
- e the facility does not have this emissions unit
- f the facility does not use this fuel type
- g the rule does not apply because no changes have been made at the facility that would trigger these procedural requirements
- h this method/procedure is not used by the facility
- i this rule applies only to DEQ and regional authorities
- j. there are no emissions units with add-on control devices or the pre-controlled potential emissions are less than 100 tons per year or the emissions units with add-on control devices and pre-controlled emissions greater than 100 tons per year are subject to emissions standards promulgated after November of 1990

**GENERAL CONDITIONS****G1. General Provision**

Terms not otherwise defined in this permit have the meaning assigned to such terms in the referenced regulation.

**G2. Reference materials**

Where referenced in this permit, the versions of the following materials are effective as of the dates noted unless otherwise specified in this permit:

- a. Source Sampling Manual; April 16, 2015 - State Implementation Plan Volume 3, Appendix A4;
- b. Continuous Monitoring Manual; April 16, 2015 - State Implementation Plan Volume 3, Appendix A6; and
- c. All state and federal regulations in effect on the date of issuance of this permit.

**G3. Applicable Requirements [OAR 340-218-0010(3)(b)]**

Oregon Title V Operating Permits do not replace requirements in Air Contaminant Discharge Permits (ACDP) issued to the source even if the ACDP(s) have expired. For a source operating under a Title V permit, requirements established in an earlier ACDP remain in effect notwithstanding expiration of the ACDP or Title V permit, unless a provision expires by its terms or unless a provision is modified or terminated following the procedures used to establish the requirement initially. Source specific requirements, including, but not limited to TACT, RACT, BACT, and LAER requirements, established in an ACDP must be incorporated into the Oregon Title V Operating Permit and any revisions to those requirements must follow the procedures used to establish the requirement initially.

**G4. Compliance [OAR 340-218-0040(3)(n)(C), 340-218-0050(6), and 340-218-0080(4)]**

- a. The permittee must comply with all conditions of this permit. Any permit condition noncompliance constitutes a violation of the Federal Clean Air Act and/or state rules and is grounds for enforcement action; for permit termination, revocation and re-issuance, or modification; or for denial of a permit renewal application. Any noncompliance with a permit condition specifically designated as enforceable only by the state constitutes a violation of state rules only and is grounds for enforcement action; for permit termination, revocation and re-issuance, or modification; or for denial of a permit renewal application.
- b. Any schedule of compliance for applicable requirements with which the source is not in compliance at the time of permit issuance is supplemental to, and does not sanction noncompliance with the applicable requirements on which it is based.
- c. For applicable requirements that will become effective during the permit term, the source must meet such requirements on a timely basis unless a more detailed schedule is expressly required by the applicable requirement.

**G5. Masking Emissions:**

The permittee must not install or use any device or other means designed to mask the emission of an air contaminant that causes or is likely to cause detriment to health, safety, or welfare of any person or otherwise violate any other regulation or requirement. [OAR 340-208-0400] This condition is enforceable only by the State.

**G6. Credible Evidence:**

Notwithstanding any other provisions contained in any applicable requirement, any credible evidence may be used for the purpose of establishing whether a person has violated or is in violation of any such applicable requirements. [OAR 340-214-0120]

G7. Certification [OAR 340-214-0110, 340-218-0040(5), 340-218-0050(3)(c)(D), and 340-218-0080(2)]

Any document submitted to DEQ or EPA pursuant to this permit must contain certification of truth, accuracy and completeness by a responsible official. All certifications must state that based on information and belief formed after reasonable inquiry, the statements and information in the document are true, accurate, and complete. The permittee must promptly, upon discovery, report to DEQ a material error or omission in these records, reports, plans, or other documents.

G8. Open Burning [OAR Chapter 340, Division 264]

The permittee is prohibited from conducting open burning, except as may be allowed by OAR 340-264-0020 through 340-264-0200.

G9. Asbestos [40 CFR Part 61, Subpart M (federally enforceable), OAR Chapter 340-248-0005 through 340-248-0180 (state-only enforceable) and 340-248-0205 through 340-248-0280]

The permittee must comply with OAR Chapter 340, Division 248, and 40 CFR Part 61, Subpart M when conducting any renovation or demolition activities at the facility.

G10. Stratospheric Ozone and Climate Protection [40 CFR 82 Subpart F, OAR 340-260-0040]

The permittee must comply with the standards for recycling and emissions reduction pursuant to 40 CFR Part 82, Subpart F, Recycling and Emissions Reduction.

G11. Permit Shield [OAR 340-218-0110]

- a. Compliance with the conditions of the permit is deemed compliance with any applicable requirements as of the date of permit issuance provided that:
  - i. Such applicable requirements are included and are specifically identified in the permit, or
  - ii. DEQ, in acting on the permit application or revision, determines in writing that other requirements specifically identified are not applicable to the source, and the permit includes the determination or a concise summary thereof.
- b. Nothing in this rule or in any federal operating permit alters or affects the following:
  - i. The provisions of ORS 468.115 (enforcement in cases of emergency) and ORS 468.035 (function of department);
  - ii. The liability of an owner or operator of a source for any violation of applicable requirements prior to or at the time of permit issuance;
  - iii. The applicable requirements of the national acid rain program, consistent with section 408(a) of the FCAA; or
  - iv. The ability of DEQ to obtain information from a source pursuant to ORS 468.095 (investigatory authority, entry on premises, status of records).
- c. Sources are not shielded from applicable requirements that are enacted during the permit term, unless such applicable requirements are incorporated into the permit by administrative amendment, as provided in OAR 340-218-0150(1)(h), significant permit modification, or reopening for cause by DEQ.

G12. Inspection and Entry [OAR 340-218-0080(3)]

Upon presentation of credentials and other documents as may be required by law, the permittee must allow DEQ, or an authorized representative (including an authorized contractor acting as a representative of the EPA Administrator), to perform the following:

- a. Enter upon the permittee's premises where an Oregon Title V Operating Permit program source is located or emissions-related activity is conducted, or where records must be kept under the conditions of the permit;
- b. Have access to and copy, at reasonable times, any records that must be kept under conditions of the permit;
- c. Inspect, at reasonable times, any facilities, equipment (including monitoring and air pollution control equipment), practices, or operations regulated or required under the permit; and
- d. As authorized by the FCAA or state rules, sample or monitor, at reasonable times, substances or parameters, for the purposes of assuring compliance with the permit or applicable requirements.

G13. Fee Payment [OAR 340-220-0010, and 340-220-0030 through 340-220-0190]

The permittee must pay an annual base fee and an annual emission fee for particulates, sulfur dioxide, nitrogen oxides, and volatile organic compounds. The permittee must submit payment to the Department of Environmental Quality, Financial Services, 811 SW 6th Ave., Portland, OR 97204, within 30 days of date DEQ mails the fee invoice or August 1 of the year following the calendar year for which emission fees are paid, whichever is later. Disputes must be submitted in writing to DEQ. Payment must be made regardless of the dispute. User-based fees will be charged for specific activities (e.g., computer modeling review, ambient monitoring review, etc.) requested by the permittee.

G14. Off-Permit Changes to the Source [OAR 340-218-0140(2)]

- a. The permittee must monitor for, and record, any off-permit change to the source that:
  - i. Is not addressed or prohibited by the permit;
  - ii. Is not a Title I modification;
  - iii. Is not subject to any requirements under Title IV of the FCAA;
  - iv. Meets all applicable requirements;
  - v. Does not violate any existing permit term or condition; and
  - vi. May result in emissions of regulated air pollutants subject to an applicable requirement but not otherwise regulated under this permit or may result in insignificant changes as defined in OAR 340-200-0020.
- b. A contemporaneous notification, if required under OAR 340-218-0140(2)(b), must be submitted to DEQ and the EPA.
- c. The permittee must keep a record describing off-permit changes made at the facility 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 off-permit changes.
- d. The permit shield of Condition G11 does not extend to off-permit changes.

G15. Section 502(b)(10) Changes to the Source [OAR 340-218-0140(3)]

- a. The permittee must monitor for, and record, any section 502(b)(10) change to the source, which is defined as a change that would contravene an express permit term but would not:
  - i. Violate an applicable requirement;
  - ii. Contravene a federally enforceable permit term or condition that is a monitoring, recordkeeping, reporting, or compliance certification requirement; or

iii. Be a Title I modification.

- b. A minimum 7-day advance notification must be submitted to DEQ and the EPA in accordance with OAR 340-218-0140(3)(b).
- c. The permit shield of Condition G11 does not extend to section 502(b)(10) changes.

G16. Administrative Amendment [OAR 340-218-0150]

Administrative amendments to this permit must be requested and granted in accordance with OAR 340-218-0150. The permittee must promptly submit an application for the following types of administrative amendments upon becoming aware of the need for one, but no later than 60 days of such event:

- a. Legal change of the registered name of the company with the Corporations Division of the State of Oregon, or
- b. Sale or exchange of the activity or facility.

G17. Minor Permit Modification [OAR 340-218-0170]

The permittee must submit an application for a minor permit modification in accordance with OAR 340-218-0170.

G18. Significant Permit Modification [OAR 340-218-0180]

The permittee must submit an application for a significant permit modification in accordance with OAR 340-218-0180.

G19. Staying Permit Conditions [OAR 340-218-0050(6)(c)]

Notwithstanding Conditions G16 and G17, the filing of a request by the permittee for a permit modification, revocation and re-issuance, or termination, or of a notification of planned changes or anticipated noncompliance does not stay any permit condition.

G20. Construction/Operation Modification [OAR 340-218-0190]

The permittee must obtain approval from DEQ prior to construction or modification of any stationary source or air pollution control equipment in accordance with OAR 340-210-0200 through OAR 340-210-0250.

G21. New Source Review Modification [OAR 340-224-0010]

The permittee may not begin construction of a major source or a major modification of any stationary source without having received an Air Contaminant Discharge Permit (ACDP) from DEQ and having satisfied the requirements of OAR 340, Division 224.

G22. Need to Halt or Reduce Activity Not a Defense [OAR 340-218-0050(6)(b)]

The need to halt or reduce activity will not be a defense. It will not be a defense for a permittee in an enforcement action that it would have been necessary to halt or reduce the permitted activity in order to maintain compliance with the conditions of this permit.

G23. Duty to Provide Information [OAR 340-218-0050(6)(e) and OAR 340-214-0110]

The permittee must furnish to DEQ, within a reasonable time, any information that DEQ may request in writing to determine whether cause exists for modifying, revoking and reissuing, or terminating the permit,

or to determine compliance with the permit. Upon request, the permittee must also furnish to DEQ copies of records required to be retained by the permit or, for information claimed to be confidential, the permittee may furnish such records to DEQ along with a claim of confidentiality.

G24. Reopening for Cause [OAR 340-218-0050(6)(c) and 340-218-0200]

- a. The permit may be modified, revoked, reopened and reissued, or terminated for cause as determined by DEQ.
- b. A permit must be reopened and revised under any of the circumstances listed in OAR 340-218-0200(1)(a).
- c. Proceedings to reopen and reissue a permit must follow the same procedures as apply to initial permit issuance and affect only those parts of the permit for which cause to reopen exists.

G25. Severability Clause [OAR 340-218-0050(5)]

Upon any administrative or judicial challenge, all the emission limits, specific and general conditions, monitoring, recordkeeping, and reporting requirements of this permit, except those being challenged, remain valid and must be complied with.

G26. Permit Renewal and Expiration [OAR 340-218-0040(1)(a)(D) and 340-218-0130]

- a. This permit expires at the end of its term, unless a timely and complete renewal application is submitted as described below. Permit expiration terminates the permittee's right to operate.
- b. Applications for renewal must be submitted at least 12 months before the expiration of this permit, unless DEQ requests an earlier submittal. If more than 12 months is required to process a permit renewal application, DEQ must provide no less than six (6) months for the owner or operator to prepare an application.
- c. Provided the permittee submits a timely and complete renewal application, this permit will remain in effect until final action has been taken on the renewal application to issue or deny the permit.

G27. Permit Transference [OAR 340-218-0150(1)(d)]

The permit is not transferable to any person except as provided in OAR 340-218-0150(1)(d).

G28. Property Rights [OAR 340-200-0020 and 340-218-0050(6)(d)]

The permit does not convey any property rights in either real or personal property, or any exclusive privileges, nor does it authorize any injury to private property or any invasion of personal rights, nor any infringement of federal, state, or local laws or regulations, except as provided in OAR 340-218-0110.

G29. Permit Availability [OAR 340-200-0020 and 340-218-0120(2)]

The permittee must have available at facility at all times a copy of the Oregon Title V Operating Permit and must provide a copy of the permit to DEQ or an authorized representative upon request.

G30. The permittee must reassess, and submit to DEQ, the source risk for cancer, chronic noncancer, and acute noncancer risk in accordance with OAR 340-245-0050(7)(b)(C) by no later than 60 days after the following [OAR 340-245-0100(8)(a)(F)]:

- a. Zoning changes approved and effective within 1.5 kilometers of the source that could increase risk; or
- b. Land use has changed in a way that could increase risk in any area in which land uses were excluded from the permittee's Cleaner Air Oregon risk assessment under OAR 340-245-0210(1)(a)(F) because such area was not used in a manner allowed by the applicable zoning.

- G31. The permittee must reassess, and submit to DEQ, the source risk for cancer, chronic noncancer, and acute noncancer risk in accordance with OAR 340-245-0050(7)(b)(C) based on any of the following:
- a. The permittee becomes aware that corrections or additional information are needed to revise or update the original risk assessment [OAR 340-245-0100(8)(a)(H)];
  - b. The permittee proposes to modify any physical feature of the source that was used as a modeling parameter in the risk assessment that may increase risk [OAR 340-245-0100(8)(a)(D)];
  - c. When notified in writing by DEQ that a Risk Based Concentration in OAR 340-245-8010 Table 2 for a Toxic Air Contaminant that is emitted by this source has been added or the value lowered, leading to a substantial increase in risk [OAR 340-245-0100(8)(b)(B)];
  - d. When notified in writing by DEQ that the risk assessment procedures in division 245 have changed in a way that would substantially increase risk, or substantially impact the implementation or effectiveness of the Risk Reduction Plan [OAR 340-245-0100(8)(b)(C)]; or
  - e. When notified in writing by DEQ that a previous risk assessment contains errors or omissions that, when corrected, could increase the risk [OAR 340-245-0100(8)(b)(A)].
- G32. When a revised risk assessment under Condition G30 or G31 indicates this source no longer qualifies as a de minimis source under OAR 340-245-0050(7)(a)(A) or (B) the permittee must apply for a permit modification under OAR 340 Division 218 and submit fees as required under OAR 340-245-0100(8)(g) and Condition 61 (business office address).
- G33. When notified in writing by DEQ that a modification under division 245-0100(8)(b) is required, the permittee must submit the necessary information required under OAR 340-245-0100(3) to DEQ 90 days after the date that DEQ sends such written notice. [OAR340-245-0100(8)(c)]
- G34. The permittee may request an extension for submittals required under Conditions G30 through G33 in accordance with OAR 340-245-0030(3) by submitting a written request no fewer than 15 days prior to the submittal deadline.

ALL INQUIRIES SHOULD BE DIRECTED TO:

Western Region  
221 Stewart Ave, Suite 201  
Medford, OR 97501  
541-776-6010