



STATE OF IDAHO  
DEPARTMENT OF  
ENVIRONMENTAL QUALITY

1410 North Hilton • Boise, Idaho 83706-1255 • (208) 373-0502

Dirk Kempthorne, Governor  
Toni Hardesty, Director

April 7, 2005

**Certified Mail No. 7000 1670 0013 8128 9274**

Mr. Ron Enyeart  
Enyeart Cedar Products, LLC  
12665 Southwest 69<sup>th</sup> Avenue  
Tigard, Oregon 97223

RE: Facility ID No. 079-00006, Enyeart Cedar Products, LLC, Smeltonville  
Final Permit Letter

Dear Mr. Enyeart:

The Idaho Department of Environmental Quality (DEQ) is issuing Permit to Construct (PTC) Number P-040120 for Enyeart Cedar Products, LLC in accordance with IDAPA 58.01.01.200 through 228 (Rules for the Control of Air Pollution in Idaho). This permit is effective immediately and is based on your permit application received on September 22, 2004.

This permit does not release Enyeart Cedar Products, LLC from compliance with all other applicable federal, state, or local laws, regulations, permits, or ordinances.

A representative of Coeur d'Alene Regional Office will contact you regarding a meeting with DEQ to discuss the permit terms and requirements. DEQ recommends the following representatives attend the meeting: your facility's plant manager, responsible official, environmental contact, and any operations staff responsible for day-to-day compliance with permit conditions.

Pursuant to IDAPA 58.01.23, you, as well as any other entity, may have the right to appeal this final agency action within 35 days of the date of this decision. However, prior to filing a petition for a contested case, I encourage you to call Bill Rogers at (208) 373-0502 to address any questions or concerns you may have with the enclosed permit.

Sincerely,

Martin Bauer, Administrator  
Air Quality Division

MB/SC/sd  
Enclosures

Permit No. P-040120



**Air Quality  
PERMIT TO CONSTRUCT**  
**State of Idaho  
Department of Environmental Quality**

**PERMIT No.:** P-040120  
**FACILITY ID No.:** 079-00006  
**AQCR:** 62                      **CLASS:** B  
**SIC:** 2421                      **ZONE:** 11  
**UTM COORDINATE (km):** 562.7, 5265.8

**1. PERMITTEE**

Enyeart Cedar Products, LLC

**2. PROJECT**

Natural Gas-Fired Dry Kiln

**3. MAILING ADDRESS**

P.O. Box 156

**CITY**

Kellogg

**STATE**

ID

**ZIP**

83837

**4. FACILITY CONTACT**

John Eckhart

**TITLE**

VP Operations

**TELEPHONE**

(208) 784-1231

**5. RESPONSIBLE OFFICIAL**

Ron Enyeart

**TITLE**

Owner

**TELEPHONE**

(208) 784-1231

**6. EXACT PLANT LOCATION**

UTM Coordinates (km) 562.7, 5265.8

**COUNTY**

Shoshone

**7. GENERAL NATURE OF BUSINESS & KINDS OF PRODUCTS**

Lumber resaw, dry kiln, and planer mill facility

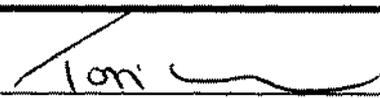
**8. GENERAL CONDITIONS**

This permit is issued according to IDAPA 58.01.01.200, *Rules for the Control of Air Pollution in Idaho*, and pertains only to emissions of air contaminants regulated by the state of Idaho and to the sources specifically allowed to be constructed or modified by this permit.

This permit (a) does not affect the title of the premises upon which the equipment is to be located; (b) does not release the permittee from any liability for any loss due to damage to person or property caused by, resulting from, or arising out of the design, installation, maintenance, or operation of the proposed equipment; (c) does not release the permittee from compliance with other applicable federal, state, tribal, or local laws, regulations, or ordinances; (d) in no manner implies or suggests that the Department of Environmental Quality (DEQ) or its officers, agents, or employees, assume any liability, directly or indirectly, for any loss due to damage to person or property caused by, resulting from, or arising out of design, installation, maintenance, or operation of the proposed equipment.

This permit is not transferable to another person, place, or piece or set of equipment. This permit will expire if construction has not begun within two years of its issue date or if construction is suspended for one year.

This permit has been granted on the basis of design information presented with its application. Changes of design or equipment may require DEQ approval pursuant to the *Rules for the Control of Air Pollution in Idaho*, IDAPA 58.01.01.200, et seq.

  
TONI HARDESTY, DIRECTOR  
DEPARTMENT OF ENVIRONMENTAL QUALITY

**DATE ISSUED:** April 7, 2005

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## Acronyms, Units, and Chemical Nomenclature

AQCR	Air Quality Control Region
bdf/hr	board feet per hour
bdf/yr	board feet per any consecutive 12-month period
DEQ	Department of Environmental Quality
IDAPA	a numbering designation for all administrative rules in Idaho promulgated in accordance with the Idaho Administrative Procedures Act
km	kilometer
MMBtu/hr	million British thermal units per hour
PM <sub>10</sub>	particulate matter with an aerodynamic diameter less than or equal to a nominal 10 micrometers
PTC	permit to construct
SIC	Standard Industrial Classification
T/yr	tons per year
UTM	Universal Transverse Mercator
VOC	volatile organic compound

**AIR QUALITY PERMIT TO CONSTRUCT NUMBER: P-040120**

<b>Permittee:</b>	Enyeart Cedar Products, LLC	<b>Facility ID No.</b> 079-00006	<b>Date Issued:</b>	April 7, 2005
<b>Location:</b>	Smelterville, Idaho			

**1. PERMIT TO CONSTRUCT SCOPE**

**Purpose**

- This Permit to Construct (PTC) revises PTC No. P-030114, issued July 18, 2003. There is no emissions increase resulting from this revision. The following summarizes this permit revision:
  - The responsible official has been changed to Ron Enyeart.
  - The annual operating hours limit for the dry kiln has been deleted. The throughput limit sufficiently limits the facility's potential to emit.
  - The facility's emissions inventory has been updated based on updated AP-42 emission factors. No emissions increased as a result of using the updated emission factors.
- This PTC replaces PTC No. P-030114, issued July 18, 2003, the terms and conditions of which no longer apply.

**Regulated Sources**

Table 1.1 lists all sources of regulated emissions in this PTC.

**Table 1.1 SUMMARY OF REGULATED SOURCES**

Permit Section	Source Description	Emissions Control(s)
2 and 3	<u>Moore Oregon lumber dry kiln</u> – maximum hourly capacity is 6,250 bdf/hr; annual throughput is limited to 13E06 bdf/yr	None
	<u>Maxon natural gas-fired burner</u> – maximum input heat rate is 3.5 MMBtu/hr	
	Other sources at the facility generate fugitive emissions	Reasonable control

**AIR QUALITY PERMIT TO CONSTRUCT NUMBER: P-040120**

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<b>Permittee:</b>	Enyeart Cedar Products, LLC	<b>Facility ID No.</b> 079-00006	<b>Date Issued:</b>	April 1, 2005
<b>Location:</b>	Smelterville, Idaho			

**2. NATURAL GAS-FIRED DRY KILN AND OTHER FUGITIVE SOURCES**

**2.1 Process Description**

Green lumber is dried in the dry kiln. The dry kiln is directly heated by a natural gas-fired burner with a rated heat input capacity of 3.5 MMBtu/hr. Lumber drying is a batch process. The allowable dried lumber throughput of the dry kiln is 13.0 MMbdf/yr.

**2.2 Emissions Control Description**

Emissions associated with the dry kiln and natural gas-fired burner are uncontrolled.

**EMISSION LIMITS**

**2.3 Emissions Limits**

VOC and PM<sub>10</sub> emissions from the dry kiln and natural gas-fired burner shall not exceed any emissions rate limit listed in Table 2.1.

**Table 2.1 ALLOWABLE VOC AND PM<sub>10</sub> ANNUAL EMISSIONS**

Source Description	PM <sub>10</sub> T/yr	VOC T/yr
Lumber drying kiln	0.72	9.75
Natural gas-fired burner	0.09	0.08
<b>Total Emissions</b>	<b>0.80</b>	<b>9.83</b>

**2.4 Opacity Limit**

Emissions from the dry kiln vent(s), stack(s), or other functionally equivalent opening(s) shall not exceed 20% opacity for a period or periods aggregating more than three minutes in any 60-minute period as required by IDAPA 58.01.01.625 *Rules for the Control of Air Pollution in Idaho*. Opacity shall be determined by the procedures contained in IDAPA 58.01.01.625.

**Operating Requirements**

**2.5 Throughput Limits**

The maximum annual dried lumber throughput of the dry kiln shall not exceed 13,000,000 board feet per any consecutive 12-month period (bdf/yr).

**2.6 Burner Fuel**

Only natural gas shall be combusted in the dry kiln burner.

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<b>Permittee:</b>	Enyeart Cedar Products, LLC	<b>Facility ID No.</b> 079-00006	<b>Date Issued:</b>	April 7, 2005
<b>Location:</b>	Smeltonville, Idaho			

**2.7 Fugitive Control**

- 2.7.1 All reasonable precautions shall be taken to prevent PM from becoming airborne in accordance with IDAPA 58.01.01.650-651. In determining what is reasonable, considerations will be given to factors such as the proximity of dust-emitting operations to human habitations and/or activities and atmospheric conditions that might affect the movement of particulate matter. Some of the reasonable precautions include, but are not limited to, the following:
- Use, where practical, 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 lands.
  - Application, where practical, of asphalt, oil, water, or suitable chemicals to, or covering of, dirt roads, material stockpiles, and other surfaces which can create dust.
  - Installation and use, where practical, of hoods, fans, and fabric filters or equivalent systems to enclose and vent the handling of dusty materials. Adequate containment methods should be employed during sandblasting or other operations.
  - Covering, where practical, of open-bodied trucks transporting materials likely to give rise to airborne dusts.
  - Paving of roadways and their maintenance in a clean condition, where practical.
  - Prompt removal of earth or other stored material from streets, where practical.
- 2.7.2 The permittee shall monitor and maintain records of the frequency and the method(s) used (i.e., water, chemical dust suppressants, etc.) to reasonably control fugitive emissions.
- 2.7.3 The permittee shall maintain records of all fugitive dust complaints received. The permittee shall take appropriate corrective action as expeditiously as practicable after receipt of a valid complaint. The records shall include, at a minimum, the date that each complaint was received and a description of the following: the complaint, the permittee's assessment of the validity of the complaint, any corrective action taken, and the date the corrective action was taken.
- 2.7.4 The permittee shall conduct a quarterly facility-wide inspection of potential sources of fugitive emissions, during daylight hours and under normal operating conditions to ensure that the methods used to reasonably control fugitive emissions are effective. If fugitive emissions are not being reasonably controlled, the permittee shall take corrective action as expeditiously as practicable. The permittee shall maintain records of the results of each fugitive emissions inspection. The records shall include, at a minimum, the date of each inspection and a description of the following: the permittee's assessment of the conditions existing at the time fugitive emissions were present (If observed), any corrective action taken in response to the fugitive emissions, and the date the corrective action was taken.

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<b>Permittee:</b>	Enyeart Cedar Products, LLC	<b>Facility ID No.</b> 079-00006	<b>Date Issued:</b>	April 7, 2005
<b>Location:</b>	Smeiterville, Idaho			

***Monitoring and Recordkeeping Requirements***

**2.8 Throughput Monitoring**

The permittee shall monitor and record the dried lumber throughput monthly. Monthly throughputs shall be summed over the previous consecutive 12-month period to demonstrate compliance with Permit Condition 2.5. Records of this information shall be kept on site for the most recent two-year period and shall be made available to DEQ representatives upon request.

***Reporting Requirements***

**2.9 Exceedance Reports**

The permittee shall report any exceedances of any operating requirement of this permit in writing to the DEQ within five days of discovery of the exceedance. Included in this report shall be a description of any corrective action taken to remedy the cause of the exceedance.

**AIR QUALITY PERMIT TO CONSTRUCT NUMBER: P-040120**

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<b>Permittee:</b>	Enyeart Cedar Products, LLC	<b>Facility ID No.</b> 079-00006	<b>Date Issued:</b>	April 7, 2005
<b>Location:</b>	Smelterville, Idaho			

**3. PERMIT TO CONSTRUCT GENERAL PROVISIONS**

1. The permittee has a continuing duty to comply with all terms and conditions of this permit. All emissions authorized herein shall be consistent with the terms and conditions of this permit and the Rules for the Control of Air Pollution in Idaho. The emissions of any pollutant in excess of the limitations specified herein, or noncompliance with any other condition or limitation contained in this permit, shall constitute a violation of this permit and the Rules for the Control of Air Pollution in Idaho, and the Environmental Protection and Health Act, Idaho Code §39-101, et seq.
2. The permittee shall at all times (except as provided in the Rules for the Control of Air Pollution in Idaho) maintain in good working order and operate as efficiently as practicable, all treatment or control facilities or systems installed or used to achieve compliance with the terms and conditions of this permit and other applicable Idaho laws for the control of air pollution.
3. The permittee shall allow the Director, and/or the authorized representative(s), upon the presentation of credentials:
  - To enter, at reasonable times, upon the premises where an emissions source is located, or in which any records are required to be kept under the terms and conditions of this permit.
  - At reasonable times, to have access to and copy any records required to be kept under the terms and conditions of this permit, to inspect any monitoring methods required in this permit, and require stack compliance testing in conformance with IDAPA 58.01.01.157 when deemed appropriate by the Director.
4. Nothing in this permit is intended to relieve or exempt the permittee from compliance with any applicable federal, state, or local law or regulation, except as specifically provided herein.
5. The permittee shall notify DEQ, in writing, of the required information for the following events within 5 working days after occurrence:
  - Initiation of Construction - Date
  - Completion/Cessation of Construction - Date
  - Actual Production Startup - Date
  - Initial Date of Achieving Maximum Production Rate - Production Rate and Date
6. If performance testing (air emissions source test) is required by this permit, the permittee shall provide notice of intent to test to DEQ at least 15 days prior to the scheduled test date or shorter time period as approved by DEQ. DEQ may, at its option, have an observer present at any emissions tests conducted on a source. DEQ requests that such testing not be performed on weekends or state holidays.

All performance testing shall be conducted in accordance with the procedures in IDAPA 58.01.01.157. Without prior DEQ approval, any alternative testing is conducted solely at the permittee's risk. If the permittee fails to obtain prior written approval by DEQ for any testing deviations, DEQ may determine that the testing does not satisfy the testing requirements. Therefore, at least 30 days prior to conducting any performance test, the permittee is encouraged to submit a performance test protocol to DEQ for approval. The written protocol shall include a description of the test method(s) to be used, an explanation of any or unusual circumstances regarding the proposed test, and the proposed test schedule for conducting and reporting the test.

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<b>Location:</b>	Smelterville, Idaho			

Within 30 days following the date in which a performance test required by this permit is concluded, the permittee shall submit to DEQ a performance test report. The written report shall include a description of the process, identification of the test method(s) used, equipment used, all process operating data collected during the test period, and test results, as well as raw test data and associated documentation, including any approved test protocol.

7. The provisions of this permit are severable, and if any provision of this permit to any circumstance is held invalid, the application of such provision to other circumstances, and the remainder of this permit, shall not be affected thereby.
8. In accordance with IDAPA 58.01.01.123, all documents submitted to DEQ, including, but not limited to, records, monitoring data, supporting information, requests for confidential treatment, testing reports, or compliance certification shall contain a certification by a responsible official. The certification shall state that, based on information and belief formed after reasonable inquiry, the statements and information in the document(s) are true, accurate, and complete.