



STATE OF IDAHO
DEPARTMENT OF
ENVIRONMENTAL QUALITY

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

C.L. "Butch" Otter, Governor
Toni Hardesty, Director

June 3, 2011

Tom Corrick, Senior Vice President
Boise Cascade, L.L.C.
1111 West Jefferson Street, Ste. 300
Boise, ID 83702

RE: Facility ID No. 073-00008, Boise Cascade, L.L.C., Homedale
Permit to Construct Revision – Transfer of Ownership

Dear Mr. Corrick:

This letter acknowledges receipt on May 4, 2011 of a request for the transfer of ownership for a permit to construct (PTC), in accordance with IDAPA 58.01.01.209.04 (Rules for the Control of Air Pollution in Idaho). The transfer of ownership request is for PTC No. P-2008.0150, issued on February 24, 2009, and is based on the following information:

Current Permittee Information

Permittee: Filler King Company, Homedale
Mailing Address: P.O. Box 185, Homedale, ID 83628
Responsible Official: Wayne King
Phone Number: (208) 337-5471
Person to Contact: Jim Griswold
Phone Number: (208) 337-5471

Proposed Permittee Information

Permittee: Boise Cascade, L.L.C.
Mailing Address: 1111 West Jefferson Street, Ste. 300
Boise, ID 83702
Responsible Official: Tom Corrick
Phone Number: (208) 337-3134
Person to Contact: Jim Griswold
Phone Number: (208) 337-3134

DEQ is only revising the cover page of the permit to construct (PTC). All other information in the permit remains the same.

Boise Cascade, L.L.C.
June 3, 2011
Page 2 of 2

Attached to this letter is revised PTC No. P-2008.0150 with the revised cover page reflecting the transfer of ownership. The effective date of the PTC transfer is June 3, 2011, and replaces PTC No. P-2008.0150, issued on February 24, 2009. DEQ recommends that you maintain a copy of this letter for your records.

This transfer does not release Boise Cascade, L.L.C. from compliance with all other applicable federal, state, or local laws, regulations, permits, or ordinances. If you have any questions, please contact Harbi Elshafei at 208.373.0502 or harbi.elshafei@deq.idaho.gov.

Sincerely,

A handwritten signature in black ink that reads "Mike Simon". The signature is written in a cursive, flowing style.

Mike Simon
Stationary Source Program Manager
Air Quality Division

Attachment

Permit No. P-2008.0150 PROJ 60866

MS/HE

<p style="text-align: center;">Air Quality PERMIT TO CONSTRUCT State of Idaho Department of Environmental Quality</p>	PERMIT NUMBER	CLASS	SIC
	P-2008.0150	B	2439
	FACILITY ID	AQCR	NAICS
	073-00008	63	321213
	ZONE	UTM COORDINATES (km)	
11	507.2	4827.6	
PERMITTEE			
Boise Cascade, L.L.C.			
PROJECT			
Project No. 60866, PTC Revision			
MAILING ADDRESS	CITY	STATE	ZIP
1111 West Jefferson Street Ste 300	Boise	Idaho	83702
FACILITY CONTACT	TITLE	TELEPHONE	
Jim Griswold	General Manager	(208) 337-3134	
RESPONSIBLE OFFICIAL	TITLE	TELEPHONE	
Tom Corrick	Senior Vice President	(208) 337-3134	
EXACT PLANT LOCATION		COUNTY	
East Pioneer Road, Homedale		Owyhee	
GENERAL NATURE OF BUSINESS & KINDS OF PRODUCTS			
Engineered wood products			
PERMIT AUTHORITY			
<p>This permit is issued according to the Rules for the Control of Air Pollution in Idaho, IDAPA 58.01.01.200 through 228, 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.</p> <p>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.</p> <p>This permit will expire if construction has not begun within two years of its issue date or if construction is suspended for one year.</p> <p>This permit has been granted on the basis of design information presented with its application. Changes in design, equipment or operations may be considered a modification. Modifications are subject to DEQ review in accordance with IDAPA 58.01.01.200 through 228 of the Rules for the Control of Air Pollution in Idaho.</p>			
 HARBI ELSHAFEI, PERMIT WRITER		DATE ISSUED	June 3, 2011
 MIKE SIMON, STATIONARY SOURCE MANAGER			

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Acronyms, Units, and Chemical Nomenclature

AQCR	Air Quality Control Region
CFR	Code of Federal Regulations
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
lb/hr	pounds per hour
MMBtu/hr	million British thermal units per hour
PM	particulate matter
PM ₁₀	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

AIR QUALITY PERMIT TO CONSTRUCT NUMBER: P-2008.0150

Permittee:	Filler King Company	Facility ID No. 073-00008
Location:	Homedale, Idaho	

1. PERMIT TO CONSTRUCT SCOPE

Purpose

1.1 The purpose of this permit is to issue an initial PTC for the facility.

Regulated Sources

1.2 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
2.0	<u>Beam plant planer shavings</u> Manufacturer: Buss Planers Model: 60" and 30" Date of construction: 1988 and January 2007	<u>Cyclone</u> Manufacturer: Western Pneumatics Control efficiency: 99% for PM Date of installation: 1988
2.0	<u>Beam plant sander</u> Manufacturer: Model: Date of construction: 1993	<u>Baghouse</u> Manufacturer: Murphy Rogers Control efficiency: 99% for PM ₁₀ Date of installation: 1993
2.0	<u>Deck plant moulder</u> Manufacturer: Madison Model: Madison Moulder Date of construction: 1993	<u>Cyclone</u> Manufacturer: Control efficiency: 99% for PM ₁₀ Date of installation: 1993
2.0	<u>Beam plant bin truck loading</u>	Enclosure
2.0	<u>Deck plant bin truck loading</u>	Enclosure
2.0	<u>Emergency fire pump</u> Manufacturer: Unknown Model: Unknown Rating: 75 brake horsepower Fuel: Diesel Sulfur content: 0.5% Date of construction: 1995 or earlier	None
2.0	<u>Three building-heat wood stoves</u> Manufacturer: Shop constructed Rating: 0.11 MMBtu/hr Fuel: Wood Construction date: Prior to May 1, 1994.	None

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2. BEAM AND DECK PLANTS

2.1 Process Description

The Filler King facility manufactures laminated beams and roof decking from purchased softwood lumber. The facility consists of two manufacturing operations, laminated beams and a decking line.

The beam line is comprised of Line 1 and Line 2. In the beam lines, pre-dried, graded western softwood lumber is processed through a finger-joiner. In this process, the lumber ends are cut to a special joint, glued and joined, and cured in a radio frequency drier to form long lengths of lumber. These finger-joined lumber pieces are then used for beam manufacture. In the beam plant, the cured lengths are glued face-to-face with adhesive to form large, structural beams. These beams are then clamped and cured. After curing, the beams are planed, finished, and wrapped for shipment to retail dealers.

In the roof decking line, the lumber is graded, glue is applied face-to-face, and the lumber is placed in a cold press for curing. The ends are squared and cut with a tongue and groove (end-matched), and the deck boards are then molded. The roof deck members are sanded and wrapped for shipment to a retailer.

Supporting equipment and operations for these processes include lumber receiving and storage, glue receiving storage, mixing and transfer, maintenance and administrative buildings, equipment and raw material storage, finished product storage, a small fueling station, and storage of miscellaneous materials such as drums, metal, surplus parts, and other used items. A fire pond is present on the site. The water to supply this pond is pumped from the Snake River with an electric surface water pump. A diesel-powered emergency pump is present to pressurize the fire system in the event of a power outage. This diesel pump operates approximately 10 hours per year for testing or maintenance purposes. The pump would be operated as needed to address an emergency situation, if necessary.

Three shop-constructed wood stoves located in the Beam Plant Line 1 and Line 2 area and the Roof Deck plant provide room heat during cool weather periods.

2.2 Emissions Control Description

Table 2.1 EMISSIONS CONTROL DESCRIPTION

Emissions Unit / Process	Emissions Control Device	Emissions Point
<u>Beam plant planer shavings</u> Manufacturer: Buss Planers Model: 60" and 30" Date of construction: 1988 and January 2007	<u>Cyclone</u> Manufacturer: Western Pneumatics Control efficiency: 99% for PM Date of installation: 1988	2
<u>Beam plant sander</u> Manufacturer: Model: Date of construction: 1993	<u>Baghouse</u> Manufacturer: Murphy Rogers Control efficiency: 99% for PM ₁₀ Date of installation: 1993	1
<u>Deck plant moulder</u> Manufacturer: Madison Model: Madison Moulder Date of construction: 1993	<u>Cyclone</u> Manufacturer: Control efficiency: 99% for PM ₁₀ Date of installation: 1993	3
<u>Beam plant bin truck loading</u>	Enclosure	2
<u>Deck plant bin truck loading</u>	Enclosure	3

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Location: Homedale, Idaho

Facility ID No. 073-00008

Emissions Limits

2.3 Emissions Limits

The formaldehyde emissions from the beam plant and deck plant stacks shall not exceed any corresponding emissions rate limits listed in Table 2.2.

Table 2.2 BEAM AND DECK PLANTS EMISSIONS LIMITS

Source Description	Formaldehyde T/yr*
Beam plant	0.4
Deck plant	0.1

* On a 12-month rolling consecutive calendar month basis

2.4 Opacity Limit

Emissions from the following stacks:

- Cyclones
- Baghouse
- Bins
- Fire pump
- Wood stoves

or any other stack, vent, or functionally equivalent opening associated with the beam plant and deck plant 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. Opacity shall be determined by the procedures contained in IDAPA 58.01.01.625.

2.5 Sulfur Content

The permittee shall not sell, distribute, use, or make available for use any distillate fuel oil containing the following percentages of sulfur:

- ASTM Grade 1 fuel oil - 0.3% by weight.
- ASTM Grade 2 fuel oil - 0.5% by weight.

Operating Requirements

2.6 Wood Stove Fuel

The wood stoves shall burn only wood without adhesives or other coatings.

2.7 Throughput Limits

The throughput of catalyst shall not exceed any corresponding limit in any consecutive 12-calendar-month period:

- 251,281 lbs in the beam plant
- 38,547 lbs in the deck plant

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Location: Homedale, Idaho

Facility ID No. 073-00008

2.8 TAP Content Limits

The permit application shows that there is no formaldehyde in the resin. The concentration of formaldehyde in the catalyst shall not exceed 2.0%. If the formaldehyde concentration increases from these levels, the permittee shall notify the DEQ Boise Regional Office for permit evaluation and/or revision prior to using the new formula.

2.9 Sanderdust Baghouse

The permittee shall operate a baghouse to control PM10 emissions from the beam plant.

Monitoring and Recordkeeping Requirements

2.10 Visible Emissions Monitoring

The permittee shall conduct a quarterly facility-wide inspection of potential sources of visible emissions, during daylight hours and under normal operating conditions. The inspection shall consist of a see/no see evaluation for each potential source of visible emissions. If any visible emissions are present from any point of emission, the permittee shall either

a) take appropriate corrective action as expeditiously as practicable to eliminate the visible emissions. Within 24 hours of the initial see/no see evaluation and after the corrective action, the permittee shall conduct a see/no see evaluation of the emissions point in question. If the visible emissions are not eliminated, the permittee shall comply with b).

or

b) perform a Method 9 opacity test in accordance with the procedures outlined in IDAPA 58.01.01.625. A minimum of 30 observations shall be recorded when conducting the opacity test. If opacity is greater than 20%, as measured using Method 9, for a period or periods aggregating more than three minutes in any 60-minute period, the permittee shall take all necessary corrective action and report the exceedance to IDEQ.

The permittee shall maintain records of the results of each visible emission inspection and each opacity test when conducted. The records shall include, at a minimum, the date and results of each inspection and test and a description of the following: the permittee's assessment of the conditions existing at the time visible emissions are present (if observed), any corrective action taken in response to the visible emissions, and the date corrective action was taken.

2.11 Throughput Monitoring

The permittee shall monitor and record the following:

- the amount of catalyst used in pounds at the beam plant
- the amount of catalyst used in pounds at the deck plant

These records shall be compiled once per month and for each consecutive 12-calendar-month period.

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2.12 Formaldehyde Monitoring

Records shall be maintained of the weight percent of formaldehyde in catalyst used.

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3. PERMIT TO CONSTRUCT GENERAL PROVISIONS

General Compliance

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.

[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.

[IDAPA 58.01.01.211, 5/1/94]
3. Nothing in this permit is intended to relieve or exempt the permittee from the responsibility to comply with all applicable local, state, or federal statutes, rules and regulations.

[IDAPA 58.01.01.212.01, 5/1/94]

Inspection and Entry

4. Upon presentation of credentials, the permittee shall allow DEQ or an authorized representative of DEQ to do the following:
 - a. Enter upon the permittee's premises where an emissions source is located or emissions related activity is conducted, or where records are kept under conditions of this permit;
 - b. Have access to and copy, at reasonable times, any records that are kept under the conditions of this permit;
 - c. Inspect at reasonable times any facilities, equipment (including monitoring and air pollution control equipment), practices, or operations regulated or required under this permit; and
 - d. As authorized by the Idaho Environmental Protection and Health Act, sample or monitor, at reasonable times, substances or parameters for the purpose of determining or ensuring compliance with this permit or applicable requirements.

[Idaho Code §39-108]

Construction and Operation Notification

5. The permittee shall furnish DEQ written notifications as follows in accordance with IDAPA 58.01.01.211:
 - a. A notification of the date of initiation of construction, within five working days after occurrence;
 - b. A notification of the date of any suspension of construction, if such suspension lasts for one year or more;
 - c. A notification of the anticipated date of initial start-up of the stationary source or facility not more than sixty days or less than thirty days prior to such date;

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- d. A notification of the actual date of initial start-up of the stationary source or facility within fifteen days after such date; and
- e. A notification of the initial date of achieving the maximum production rate, within five working days after occurrence - production rate and date.

[IDAPA 58.01.01.211, 5/1/94]

Performance Testing

- 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.

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.

[IDAPA 58.01.01.157, 4/5/00]

Monitoring and Recordkeeping

- 7. The permittee shall maintain sufficient records to ensure compliance with all of the terms and conditions of this permit. Records of monitoring information shall include, but not be limited to the following: (a) the date, place, and times of sampling or measurements; (b) the date analyses were performed; (c) the company or entity that performed the analyses; (d) the analytical techniques or methods used; (e) the results of such analyses; and (f) the operating conditions existing at the time of sampling or measurement. All monitoring records and support information shall be retained for a period of at least five years from the date of the monitoring sample, measurement, report, or application. Supporting information includes, but is not limited to, all calibration and maintenance records and all original strip-chart recordings for continuous monitoring instrumentation and copies of all reports required by this permit. All records required to be maintained by this permit shall be made available in either hard copy or electronic format to DEQ representatives upon request.

[IDAPA 58.01.01.211, 5/1/94]

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Permittee: Filler King Company

Location: Homedale, Idaho

Facility ID No. 073-00008

Excess Emissions

8. The permittee shall comply with the procedures and requirements of IDAPA 58.01.01.130-136 for excess emissions due to startup, shutdown, scheduled maintenance, safety measures, upsets and breakdowns.

[IDAPA 58.01.01.130-136, 4/5/00]

Certification

9. 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.

[IDAPA 58.01.01.123, 5/1/94]

False Statements

10. No person shall knowingly make any false statement, representation, or certification in any form, notice, or report required under this permit, or any applicable rule or order in force pursuant thereto.

[IDAPA 58.01.01.125, 3/23/98]

Tampering

11. No person shall knowingly render inaccurate any monitoring device or method required under this permit or any applicable rule or order in force pursuant thereto.

[IDAPA 58.01.01.126, 3/23/98]

Transferability

12. This permit is transferable in accordance with procedures listed in IDAPA 58.01.01.209.06.

[IDAPA 58.01.01.209.06, 4/11/06]

Severability

13. 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.

[IDAPA 58.01.01.322.15.h, 5/1/94; 40 CFR 70.6(a)(5)]