



STATE OF IDAHO
DEPARTMENT OF
ENVIRONMENTAL QUALITY

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

Dirk Kempthorne, Governor
C. Stephen Allred, Director

January 16, 2003

Certified Mail No. 7099 3220 0009 1976 0275

Virgil Cole, Safety/Environmental Director
Boise Paper Solutions - Packaging
1544 W. 27th St.
Burley, ID 83318

RE: AIR Facility No. 031-00019, Boise Paper Solutions - Packaging, Burley
Permit to Construction Modification

Dear Mr. Cole:

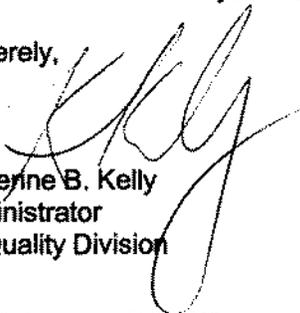
The Department of Environmental Quality (Department) is issuing modified Permit to Construct (PTC) No. 031-00019 to Boise Cascade Corp. for its Boise Paper Solutions facility in Burley, in accordance with IDAPA 58.01.01.200 - 223. This PTC is effective immediately and is based on your permit application, received on September 4, 2002.

This permit does not release Boise Cascade Corp. from compliance with all other applicable federal, state, or local laws, regulations, permits, or ordinances.

Steve VanZandt of the Twin Falls Regional Office will contact you regarding a meeting to discuss the permit terms and requirements. The Department recommends the following representatives attend this 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, the Department encourages you to call Bill Rogers at 373-0502 to discuss any questions or concerns you may have with the enclosed permit.

Sincerely,


Katherine B. Kelly
Administrator
Air Quality Division

KK/DH/sd

P-020410

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Enclosures

cc: Steve VanZandt, Twin Falls Regional Office
Sherry Davis, Air Quality Division
Laurie Krai, EPA Region 10



**Air Quality
PERMIT TO CONSTRUCT**

State of Idaho
Department of Environmental Quality

PERMIT NO.: 031-00019

AQCR: 063

CLASS: B

SIC: 2653

ZONE: 12

UTM COORDINATE (km): 269.0, 4710.9

1. PERMITTEE

Boise Cascade Corp. - Burley Plant

2. PROJECT

Corrugated Container Operations

3. MAILING ADDRESS

1544 W. 27th St.

CITY

Burley

STATE

ID

ZIP

83318

4. FACILITY CONTACT

Virgil Cole

TITLE

Environmental Manager

TELEPHONE

(208) 678-3531

5. RESPONSIBLE OFFICIAL

Doug Pasley

TITLE

General Manager

TELEPHONE

(208) 678-7705

6. EXACT PLANT LOCATION

Northeast corner of 27th and Washington streets outside of Burley, Idaho

COUNTY

Cassia

7. GENERAL NATURE OF BUSINESS & KINDS OF PRODUCTS

The manufacture of corrugated shipping containers

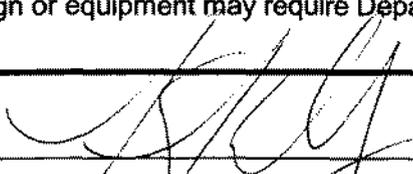
8. GENERAL CONDITIONS

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 Idaho Department of Environmental Quality (Department) 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 and 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 Department approval pursuant to IDAPA 58.01.01.200, et seq.


KATHERINE B. KELLY, ADMINISTRATOR, AIR QUALITY DIVISION
DEPARTMENT OF ENVIRONMENTAL QUALITY

DATE ISSUED: January 16, 2003

AIR QUALITY PERMIT TO CONSTRUCT NUMBER: 031-00019

Permittee: Boise Cascade Corp.
Location: Burley, Idaho

Date Issued: January 16, 2003

1. PERMIT TO CONSTRUCT SCOPE

Purpose

This permit incorporates the following permits:

- Permit to Construct No. 031-00019, issued May ¹⁷~~16~~, 2002
- Permit to Construct No. 031-00019, issued April 11, 2000
- Permit to Construct No. 031-00019, issued January 26, 1996
- Permit to Construct No. 031-00019, issued April 9, 1991

Regulated Sources

Table 1.1 below lists all sources of emissions that are regulated in this permit to construct.

Table 1.1 EMISSIONS SOURCES

Permit Section	Source Description	Emissions Control(s)
2	Starch silo	Starch silo baghouse
3	Corrugator operations	Enclosed building
4	Scrap collection	Cyclone
5	2 – 12.495 MMBtu/hr Clayton Industrial Boilers	None

MMBtu/hr – million British thermal units per hour

AIR QUALITY PERMIT TO CONSTRUCT NUMBER: 031-00019

Permittee: Boise Cascade Corp.
Location: Burley, Idaho

Date Issued: January 16, 2003

2. STARCH SILO

2.1 Process Description

The primary purpose of the starch silo is to store starch.

Emissions Limits

2.2 Particulate Matter

Emissions of particulate matter with a mean aerodynamic diameter of 10 microns or less (PM₁₀) shall not exceed 0.077 pounds per hour (lb/hr) averaged over a 24-hour time period, nor shall they exceed 2.25 tons per any consecutive 12-month period.

2.3 Opacity Limit

Emissions from the starch-silo-baghouse stack, or any other stack, vent, or functionally equivalent opening 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.

Operating Requirements

2.4 Throughput Limit

The starch silo throughput shall not exceed 4,380 tons of starch per any consecutive 12-month period.

2.5 Baghouse Pressure Drop

The pressure drop across the baghouse shall be maintained within manufacturer and Operation and Maintenance (O&M) manual specifications. Documentation of the operating pressure drop specifications shall remain on site at all times and shall be made available to Department representatives upon request.

2.6 Air Pollution Emergency Rules

The permittee shall comply with the Air Pollution Emergency Rules in IDAPA 58.01.01.550-562.

Monitoring and Recordkeeping Requirements

2.7 Throughput Monitoring

The permittee shall monitor and record the starch silo throughput once per month. The throughput shall be measured in units of tons. Each month, the permittee shall sum the previous consecutive 12-months throughput to demonstrate compliance with Permit Condition 2.4. A compilation of the most recent two years of records shall be kept on site and shall be made available to Department representatives upon request.

AIR QUALITY PERMIT TO CONSTRUCT NUMBER: 031-00019

Permittee: Boise Cascade Corp.
Location: Burley, Idaho

Date Issued: January 16, 2003

2.8 Baghouse Pressure Drop

The permittee shall install, calibrate, and operate in accordance with manufacturer specifications, pressure drop monitoring equipment to continuously measure the pressure differential across the baghouse. The permittee shall record the pressure drop across the baghouse once on a weekly basis. A compilation of the most recent two years of records shall be kept on site and shall be made available to Department representatives upon request.

2.9 Operations and Maintenance Manual Requirements

Within 60 days after issuance of the permit, the permittee shall have developed an O&M Manual for the starch silo baghouse describing the procedures that will be followed to comply with General Provision 2. The manual shall contain, at a minimum, manufacturer operating parameters, methods used to measure the pressure drop, and a maintenance schedule. This manual shall remain on site at all times and shall be made available to Department representatives upon request.

AIR QUALITY PERMIT TO CONSTRUCT NUMBER: 031-00019

Permittee: Boise Cascade Corp.
Location: Burley, Idaho

Date Issued: January 16, 2003

3. CORRUGATOR OPERATIONS

3.1 Process Description

The primary purpose of the corrugator operations is to manufacture corrugated containers. Boise Cascade has installed two new single facers as an upgrade to the wet end of the corrugator, increasing its production capacity to 1.8 billion square feet of container sheets per year.

3.2 Control Description

An enclosed building controls PM₁₀ emissions from the corrugator operations.

Emissions Limits

3.3 Particulate Matter

Emissions of PM₁₀ from the corrugator operations shall not exceed 0.075 lb/hr averaged over a 24-hour time period.

Operating Requirements

3.4 Throughput Limits

The maximum annual throughput of container sheets shall not exceed 1.8 billion square feet per any consecutive 12-month period. The maximum daily throughput of container sheets shall not exceed 10.44 million square feet per day.

Monitoring and Recordkeeping Requirements

3.5 Throughput Monitoring

Daily and monthly, the permittee shall monitor and record the throughput of container sheets in units of square feet. Each month, the permittee shall sum the previous consecutive 12-months total throughput to demonstrate compliance with Permit Condition 3.4. A compilation of the most recent two years of records shall be kept on site and shall be made available to Department representatives upon request.

AIR QUALITY PERMIT TO CONSTRUCT NUMBER: 031-00019

Permittee: Boise Cascade Corp.
Location: Burley, Idaho

Date Issued: January 16, 2003

4. SCRAP COLLECTION

4.1 Process Description

The scrap-collection system is used to collect scrap from corrugator operations. Scrap is pneumatically collected from multiple locations and bailed.

Emissions Limits

4.2 PM₁₀ Emissions Limit

Emissions of PM₁₀ from the cyclone shall not exceed 0.945 lb/hr averaged over a 24-hour time period.

Operating Requirements

4.3 Control Equipment

The permittee shall utilize a cyclone to control particulate matter emissions from the pneumatic scrap-collection system at all times the system is in operation.

AIR QUALITY PERMIT TO CONSTRUCT NUMBER: 031-00019

Permittee: Boise Cascade Corp.
Location: Burley, Idaho

Date Issued: January 16, 2003

5. BOILERS

Emissions Limits

5.1 Emissions Limits

Emissions from the two boilers shall not exceed any corresponding emissions rate limits listed in Table 5.1 below.

Table 5.1 EMISSIONS LIMITS

Source Description	PM ₁₀		NO _x
	lb/hr	T/yr	T/yr
2 – 12.495 MMBtu/hr Clayton Industrial Boilers	0.883	1.12	11.1

No_x - oxides of nitrogen

Operating Requirements

5.2 Fuel Type

The fuel used in the boilers shall be natural gas or No. 2 diesel fuel only. The use of No. 2 diesel fuel shall not exceed 720 hours, per boiler, per any consecutive 12-month period.

Monitoring Requirements

5.3 Fuel Usage

Once per month, the permittee shall monitor and record the number of hours that No. 2 diesel fuel is used in each boiler. Each month, the permittee shall sum the previous consecutive 12-months total hours No. 2 diesel fuel is used in each boiler to demonstrate compliance with Permit Condition 5.2. A compilation of the most recent two years of records shall be kept on site and shall be made available to Department representatives upon request.

5.3 Permit History

The requirements for the boilers in this permit replace the requirements of the permit issued April 2, 1991, from the date of issuance of this permit.

AIR QUALITY PERMIT TO CONSTRUCT NUMBER: 031-00019

Permittee: Boise Cascade Corp.
Location: Burley, Idaho

Date Issued: January 16, 2003

6. EMISSIONS INVENTORY

The following table is a summary of the emissions increases and decreases associated with this permit modification. The emissions inventory table is provided for informational purposes only. The emissions increases from this facility occur only over a 24-hour time period. The annual rates do not change.

Table 6.1 EMISSIONS INVENTORY

Pollutant	Annual Emissions Increase (T/yr)	Annual Emissions Decrease (T/yr)	Change in Annual Emissions (T/yr)
NO _x	0.0		
SO ₂	0.0		
CO	0.0		
PM/PM ₁₀	0.0		
VOC	0.0		
TAP/ HAP	0.0		
Total:	0.0		0.0

SO₂ – sulfur dioxide

CO – carbon monoxide

PM /PM₁₀ – particulate matter/ Particulate Matter with an aerodynamic diameter less than or equal to a nominal 10 micrometers

VOC – volatile organic compounds

TAPS/HAPS = toxic air pollutants / hazardous air pollutants

AIR QUALITY PERMIT TO CONSTRUCT NUMBER: 031-00019

Permittee: Boise Cascade Corp.
Location: Burley, Idaho

Date Issued: January 16, 2003

7. PERMIT TO CONSTRUCT GENERAL PROVISIONS

1. 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 emissions 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 the Department, in writing, of the required information for the following events within five 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 emissions testing is specified, the permittee must schedule such testing within 60 days after achieving the maximum production rate, but not later than 180 days after initial startup. Such testing must **strictly** adhere to the procedures outlined in IDAPA 58.01.01.157 and shall not be conducted on weekends or state holidays without prior written approval from the Department. Testing procedures and specific time limitations may be modified by the Department by prior negotiation if conditions warrant adjustment. The Department shall be notified at least 15 days prior to the scheduled compliance test. Any records or data generated as a result of such compliance test shall be made available to the Department upon request.

The maximum allowable operating rate shall be limited to 120% of the average operating rate attained during any performance test period, for which a test protocol has been granted prior approval by the Department, unless (1) the test demonstrates noncompliance; (2) a more restrictive operating limit is specified elsewhere in this permit; or (3) at such an operating rate, emissions would exceed any emissions limit(s) set forth in this permit.
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.