11.0000756352

Domtar Industries, Inc.
Ashdown Mill
285 Highway 71 South
Ashdown, AR 71822
Tel: (870) 898-2711

AI/AI/62

A988

Domtar

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AR/OK/TX BRANCH

January 10, 2005

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JAN 20 2005
Air/Toxics & Inspection
Coordination Branch
6FN-A

U. S. Environmental Protection Agency
1445 Ross Avenue, Suite 1200
Dallas, TX 75202-2733

Attn: Mr. John Hepola

Dear Mr. Hepola:

Please find attached an initial notification report for the Domtar Industries Inc. Ashdown Mill. The report covers the *"National Emission Standards for Hazardous Air Pollutants for Industrial, commercial, and Institutional boilers and Process Heaters,"* under 40 CFR 63, Subpart DDDDD.

If you should have any questions or comments about any part of this submission, please do not hesitate to contact me at 870-898-2711 Ext. 6136. You may also reach me quickly via email at eric.reynolds@domtar.com.

Sincerely,

Eric Reynolds
Sr. Environmental Engineer

File: 1562

cc: David Neleigh

CERTIFIED MAIL: 7002 2410 0003 7421 9279

RECEIVE
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Air/Toxics & Inspection
Coordination Branch
GEN-A

INITIAL NOTIFICATION REPORT

SECTION I
GENERAL INFORMATION

This form is being submitted in accordance with 40 CFR 63.9(b) and as required by 40 CFR 63.7545.

If you own or operate an affected source, submit this report by MARCH 12, 2005, *or* WITHIN 120 CALENDAR DAYS after your boiler or process heater becomes subject to the National Emission Standards for Hazardous Air Pollutants for Industrial, Commercial, and Institutional Boilers and Process Heaters, whichever is later.

A. Print or type the following information for each facility for which you are making initial notification: (§63.9(b)(2)(i)-(ii))

Operating Permit Number (IF AVAILABLE)	Facility I.D. Number (IF AVAILABLE)
287-AOP-R3	41-00002

Responsible Official's Name/Title: Warren L. Allen / General Manager

Street Address: 285 Highway 71 South

City	State	ZIP Code
Ashdown	AR	71822

Facility Name: Domtar Industries Inc

Facility Street Address (If different than Responsible Official's Street Address):

Facility Local Contact Name	Title	Phone
William Bertrand	Superintendent – Environmental Services	(870) 898-2711 X6314

City	State	ZIP Code

Check the box that applies. (§63.9(b)(2)(v))

X My facility is a major source of Hazardous Air Pollutants (HAP)

☐ My facility is an area source of HAP

NOTE: A major source is a source that emits or has the potential to emit 10 tons per year, or more, of any one HAP or 25 tons per year, or more, of multiple HAP. All other sources are area sources. The major/area source determination is based on all HAP emission points inside the facility fence line, not just inside the facility itself.

If you answered that your facility is an area source, the facility is not subject to this rule. Records of your applicability determination must be maintained on site for 5 years. See 40 CFR 63.10(b)(3). If you answered that your facility is a major source for HAP emissions, complete the remaining questions.

C. Indicate the relevant standard or other requirement that is the basis for this notification and the source's compliance date: (§63.9(b)(2)(iii))

Basis for this notification (relevant standard or other requirement)	Anticipated Compliance Date (mm/dd/yy)
National Emission Standards for Hazardous Air Pollutants for Industrial, Commercial, and Institutional Boilers and Process Heaters (40 CFR Part 63, Subpart DDDDD)	September 13th, 2007

SECTION II
SOURCE DESCRIPTION

A. Briefly describe the nature, size, design, and method of operation of the source. (§63.9(b)(2)(iv))

The No. 3 Power Boiler (SN-01), installed in 1991, is rated at 790 million British Thermal Units per hour (MMBTU/hr). This boiler combusts bark, wood waste, pelletized paper fuel, and natural gas. Continuous emissions monitoring systems (CEMS) are in place at this unit for oxides of nitrogen, carbon monoxide, and opacity. The No. 3 Power Boiler emissions are controlled by an electrostatic precipitator (ESP). ESP operation is normally maintained at two-chamber operation regardless of the fuel mixture being fired.

The No. 1 Power Boiler (SN-03) is rated at 580 MMBTU/hr. This boiler combusts bark, wood waste, municipal yard waste, pelletized paper fuel, No. 6 fuel oil, used oil generated on site, and natural gas. Particulate matter emissions from this boiler are controlled through the use of multiclones. No other control equipment is associated with this boiler. No CEMS are associated with this boiler.

The No. 2 Power Boiler (SN-05), last modified in 1975, is rated at 820 MMBTU/hr. This boiler combusts bark, wood waste, municipal yard waste, pelletized paper fuel, natural gas, coal, used oil generated on site, tire derived fuel (TDF), and No. 6 fuel oil. Emissions from the No. 2 Power Boiler are controlled through the use of a scrubber. The scrubbing media are composed of sodium hydroxide, water, and pulp mill extraction stage filtrate. The No. 2 Power Boiler also incinerates non-condensable gases (NCGs) from other operations at this facility. Continuous emissions monitoring systems (CEMS) for oxides of nitrogen, sulfur dioxide, and carbon monoxide are associated with this boiler.

The No. 2 Package Boiler (SN-11) is a natural gas fired package boiler with a heat input capacity of 210 MMBTU/hr. No control equipment is associated with this boiler. No CEMS are associated with this boiler.

The No. 3 Package Boiler (SN-12), installed in 1987, is a natural gas fired package boiler with a heat input capacity of 163 MMBTU/hr. Source SN-12 is subject to the provisions of 40 CFR Part 60, Subpart Db due to its size and its date of installation. No control equipment is associated with this boiler. No CEMS are associated with this boiler.

The two package boilers are only subject to initial notification. Due to firing natural gas only, the MACT obligations in regard to SN-11 and SN-12 end with this submission.

NOTE: If the same information requested above is contained in a title V permit application or permit, you may attach the relevant pages from that document to this notification and reference those pages above.

B. Identify the types of emission points within the affected source subject to the relevant standard and the types of hazardous air pollutants emitted. (§63.9(b)(2)(iv))

Types of Emission Points

NOTE: Boilers and process heaters are typically served by chimneys or stacks for flue gas release and dispersion.

All five (5) boilers are vented separately. Stack heights are as follows:

- No. 1 Power Boiler: 217 ft above ground level.
- No. 2 Power Boiler: 235 ft above ground level.
- No. 3 Power Boiler: 240 ft above ground level.
- No. 2 Package Boiler: 28 ft above ground level.
- No. 3 Package Boiler: 24 ft above ground level.

Types of HAP Emitted

Check the boxes indicating the principal types of HAP emitted by the affected source (i.e., boilers and process heaters). Check all that apply. For example, coal and residual oil fired boilers or process heaters would typically emit all three types of HAP. Natural gas fired boilers or process heaters would typically emit organic HAP.

X Metal HAP (for example, arsenic, beryllium, cadmium, chromium, cobalt, lead, manganese, mercury, nickel, selenium)

X Organic HAP (for example, acetaldehyde, benzene, formaldehyde, toluene, xylenes)

X Acid gas HAP (for example, hydrogen chloride, hydrogen fluoride)

SECTION III
SPECIFIC REQUIREMENTS

Section 63.7545(b)(2) requires you to include in this Initial Notification a signed statement indicating whether your affected source has a federally enforceable permit that limits the annual capacity factor to less than or equal to 10 percent.

My facility has a federally enforceable permit that limits the annual capacity factor to less than or equal to 10 percent for the following boilers and process heaters.

Use the facility identification number from section I.A.

_____

X My facility does not have federally enforceable permit that limits the annual capacity factor for any individual boiler or process heater to less than or equal to 10 percent.

SECTION IV
CERTIFICATION

I certify under penalty of law that, based on information and belief formed after reasonable inquiry, the statements and information contained or referenced in this initial notification report are true, accurate, and complete.

Name of Responsible Official (Print or Type)	Title	Date (mm/dd/yy)
Warren L. Allen	General Manager	01/11/05

Signature of Responsible Official

Note: Responsible official is defined in 40 CFR §63.2, §70.2 and §71.2 and in EPA-approved State title V operating permits programs.