



STATE OF MAINE
DEPARTMENT OF ENVIRONMENTAL PROTECTION

JOHN ELIAS BALDACCI
GOVERNOR

DAVID P. LITTELL
COMMISSIONER

LINCOLN PAPER AND TISSUE, LLC.) DEPARTMENTAL
PENOBSCOT COUNTY) FINDING OF FACT AND ORDER
LINCOLN, MAINE) PART 70 AIR EMISSION LICENSE
A-177-70-K-A) AMENDMENT #7

After review of the air emissions license application, staff investigation reports and other documents in the applicant's file in the Bureau of Air Quality, pursuant to 38 M.R.S.A., Sections 344, 587 and 590, the Department finds the following facts:

I. REGISTRATION

A. Introduction

FACILITY	Lincoln Paper and Tissue, LLC. (LPT)
LICENSE NUMBER	A-177-70-K-A
LICENSE TYPE	Part 70 Significant Modification
NAICS CODE	322121
NATURE OF BUSINESS	Pulp and Paper Mill
FACILITY LOCATION	Lincoln, Maine
DATE OF INITIAL LICENSE ISSUANCE	October 22, 2002
DATE OF AMENDMENT ISSUANCE	January 13, 2009
LICENSE EXPIRATION DATE	October 22, 2007

Lincoln Paper and Tissue Company, Inc. (LPT) operates a fully integrated pulp and paper mill in Lincoln, Maine. This Part 70 Significant Modification license amendment to LPT's Part 70 Air Emission License seeks to update the stack testing requirements in its current air emissions license to reflect the recent changes made to Sec. 6. 38 MRSA §589, sub-§2 per LD 2216, signed April 9, 2008. The effective date of the bill was November 1, 2008.

B. Application Classification

The application for LPT does not include the licensing of increased emissions or the installation of new or modified equipment. The request by LPT does not cause emissions in excess of the standards in the permit (whether expressed therein as a rate of emissions or in terms of total emissions) and therefore qualifies as a Significant Modification per 06-096 CMR 140.

AUGUSTA
17 STATE HOUSE STATION
AUGUSTA, MAINE 04333-0017
(207) 287-7688 FAX: (207) 287-7826
RAY BLDG., HOSPITAL ST.

BANGOR
106 HOGAN ROAD
BANGOR, MAINE 04401
(207) 941-4570 FAX: (207) 941-4584

PORTLAND
312 CANCO ROAD
PORTLAND, MAINE 04103
(207) 822-6300 FAX: (207) 822-6303

PRESQUE ISLE
1235 CENTRAL DRIVE, SKYWAY PARK
PRESQUE ISLE, MAINE 04769-2094
(207) 764-0477 FAX: (207) 760-3143

II. DESCRIPTION OF MINOR MODIFICATION

Stack Test Changes

Recently the Maine State Legislature enacted a new law, 38 MRSA §589, sub-§2 per LD 2216 to streamline and ensure adequate funding for the Department's Bureau of Air Quality pertaining to the annual fee surcharge.

The law subsequently changed the stack testing requirements by stating the following, "A facility is not required to conduct stack tests for chlorine or chlorine dioxide more frequently than once every 5 years unless visible emissions, operating parameters or other information indicates the source may be operating out of compliance with any applicable emission standard or unless there are more stringent federal requirements. A person is not required to conduct stack tests for particulate matter on a source monitored by a continuous monitoring device for opacity as specified by 40 Code of Federal Regulations, Part 60, Appendix B, specification 1 or appropriate surrogate parameters as required by the commissioner more frequently than once every 5 years unless visible emissions, operating parameters or other information indicates the source may be operating out of compliance with any applicable emission standard or unless there are more stringent federal requirements. If visible emissions, operating parameters or other information indicates potential noncompliance with an air emission standard or if there are more stringent federal requirements, the Department may require additional stack tests."

The following table summarizes the tests that are affected by the recent change in the new law LD 2216:

Source	Test	Current Testing Frequency	Proposed Testing Frequency
Bleach Plant	Cl ₂ /ClO ₂	1 per year	1 every 5 years
#2 Recovery Boiler	Particulate	1 every 2 years	1 every 5 years
#8 Power Boiler	Particulate	1 every 2 years	1 every 5 years
Lime Kiln	Particulate	1 every 2 years	1 every 5 years

Based on the recent law changes and the information submitted by LPT, the Department approves LPT's request to change its Part 70 air license conditions pertaining to stack testing frequency. The testing frequency will commence from the last compliance demonstration conducted for each source.

ORDER

Based on the above Findings and subject to conditions listed below, the Department concludes that the emissions from this source:

- will receive Best Practical Treatment,
- will not violate applicable emission standards, and
- will not violate applicable ambient air quality standards, or increment standards either alone or in conjunction with emissions from other sources.

The Department hereby grants this Significant Modification amendment, subject to the conditions found in Part 70 Air Emission License A-177-70-A-I, subsequent amendments, and to the following conditions:

(1) Condition (21) C of Air Emission License A-177-70-A-I shall be revised as follows:

- C. Compliance testing for the Bleach Plant/Chlorine Dioxide Generation system shall be performed once every 5 years to demonstrate compliance with Cl₂ and ClO₂ emission limits in 06-096 CMR 122. The Department may require additional testing based on visible emissions, operating parameters or other information that indicates the source may be operating out of compliance with any applicable emission standard.

(2) Condition (14) H of Air Emission License A-177-70-A-I shall be revised as follows:

- H. Recovery Boiler #2 shall not exceed a particulate limit of 0.044 grains/dscf corrected to 8% O₂ for PM. Compliance with the gr/dscf and lb/hr particulate matter limits shall be determined on the basis of stack testing performed once every five years and in accordance with 40 CFR Part 60 Appendix A, Method 5. [MEDEP 1991 PSD Permit (A-177-71-A/R), 06-096 CMR 140, BPT]

(3) Condition (19) D of Air Emission License A-177-70-A-I shall be revised as follows:

- D. Compliance with the lb/MMBtu and lb/hour particulate matter emission limits shall be determined by stack testing performed once every five years and in accordance with 40 CFR Part 60 Appendix A, Method 5. [06-096 CMR 140, BPT]

LINCOLN PAPER AND TISSUE, LLC.
PENOBSCOT COUNTY
LINCOLN, MAINE
A-177-70-K-A

) DEPARTMENTAL
) FINDING OF FACT AND ORDER
) PART 70 AIR EMISSION LICENSE
4 AMENDMENT #7

(4) Condition (22) C of Air Emission License A-177-70-A-I shall be revised as follows:

- C. LPP shall limit PM emissions to 0.13 gr/dscf at 10% O₂. Compliance with PM emissions shall be determined on the basis of stack testing done once every five years. [06-096 CMR 140, BPT]

DONE AND DATED IN AUGUSTA, MAINE THIS *13th* DAY OF *January* 2009.
DEPARTMENT OF ENVIRONMENTAL PROTECTION

BY: *James P. Brodeur Jr.*
DAVID P. LITTELL, COMMISSIONER

This Part 70 Minor Modification shall expire concurrently with Part 70 Air Emission License A-177-70-A-I.

PLEASE NOTE ATTACHED SHEET FOR GUIDANCE ON APPEAL PROCEDURES

Date of initial receipt of application: September 22, 2008

Date of application acceptance: October 14, 2008

Date filed with Board of Environmental Protection: _____

This Order prepared by Edwin Cousins, Bureau of Air Quality

