



STATE OF MAINE

DEPARTMENT OF ENVIRONMENTAL PROTECTION

ANGUS S. KING, JR.
GOVERNOR

EDWARD O. SULLIVAN
COMMISSIONER

The Chinet Company)	Departmental
Kennebec County)	Finding of Fact and Order
Waterville, Maine)	Air Emission License
A-416-72-B-A)	

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 Control, pursuant to 38 M.R.S.A., Section 344 and Section 590, the Department finds the following facts:

I. REGISTRATION

A. Introduction

Keyes Fibre Company, in Waterville, Maine has changed their name to The Chinet Company (TCC). The company has changed in name only with no changes in ownership or operating parameters. TCC has applied to amend their Air Emissions License, to comply with Chapter 138 of Maine State Regulations, since the facility has the potential to emit more than 100 ton/year of NOx. TCC is a manufacturer of paper plates and other paper products, utilizing both pre and post consumer paper.

TCC is located on the border of Somerset and Kennebec counties. Somerset County is designated as a non-attainment/incomplete data area. Kennebec County is currently designated as moderate non-attainment, although on June 6, 1995, EPA determined that Kennebec County qualifies for re-designation to attainment.

B. NOx Emission Equipment

TCC is licensed to operate the following equipment:

<u>Equipment</u>	<u>Date of Construction</u>	<u>Fuel Burning Equipment</u>			<u>Post Combustion Ctrl Eqpmnt</u>	<u>Stack #</u>
		<u>Maximum Capacity (MMBtu/hr)</u>	<u>Fuel Type, % sulfur</u>	<u>Maximum Firing Rate (gal/hr)</u>		
Boiler #1	1951	29.3	#6, 2.0%	195.3	N/A	1
		24.0	wood	----	Multiclone	1
Boiler #2	1951	29.3	#6, 2.0%	195.3	N/A	1
Boiler #3	1951	29.3	#6, 2.0%	195.3	N/A	1
Boiler #4	1960	44.0	#6, 2.0%	293.3	N/A	2
		36.0	wood	----	Multiclone	2
Boiler #5	1966	64.8	#6, 2.0%	432.0	N/A	3

Serving Maine People & Protecting Their Environment

AUGUSTA
STATE HOUSE STATION 17
AUGUSTA, MAINE 04333-0017
(207) 297-7688 FAX: (207) 297-7825
OFFICE LOCATED AT RAY BUILDING, HOSPITAL STREET

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

BANGOR
106 HOGAN ROAD
BANGOR, ME 04401
(207) 941-4570 FAX: (207) 941-4534

PRESQUE ISLE
1235 CENTRAL DRIVE, SKYWAY PARK
PRESQUE ISLE, ME 04769
(207) 764-0477 FAX: (207) 764-1507

The Chinet Company)
Kennebec County)
Waterville, Maine)
A-416-72-B-A 4

Departmental
Finding of Fact and Order
Air Emission License

2. Diesel unit

The diesel unit is utilized primarily to power the emergency fire pump. The diesel unit shall not operate more than 1,000 hours/year during any consecutive 12 month period, to keep NOx emissions under 10 ton/yr and be exempt from Section 1 (B) (1) of Chapter 138. NOx emissions from the diesel engine are as follows:

Potential to Emit NO_x for the Emergency Fire Pump

<u>Diesel engine</u>	<u>Potential (8,760 hrs/yr)</u>	<u>Potential (1000 hrs/yr)</u>
Fire pump	22.8 ton/yr	2.6 ton/yr

III. COMPLIANCE ASSURANCE

- A. TCC shall maintain sufficient records to accurately document compliance with license conditions and shall maintain such records for a minimum of 6 years. The records shall be submitted to the Department upon written request.
- B. Logbooks for the diesel fire pump shall be maintained indicating the following:
 - Meter reading (Hours)
- C. TCC shall keep a copy of this Order on site, and have the operator(s) be familiar with the terms of this Order.

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,
- will not violate applicable ambient air quality standards in conjunction with emissions from other sources.

The Department hereby grants Air Emission License #A-416-72-B-A, subject to the conditions found in Air Emission License #1810, and to the following conditions:

The Chinet Company
Kennebec County
Waterville, Maine
A-416-72-B-A

)
)
)
5

Departmental
Finding of Fact and Order
Air Emission License

(l) Boilers

1. Boilers #2 & #3 shall comply with Section 3(L) (1) & (2) of Chapter 138, and all record keeping requirements, with the first annual tune-up beginning between May 1, 1995 and June 30, 1995.
2. Boilers #1 & #4 shall comply with Chapter 138 Section 3(L) (1) & (2) if either boiler operates at greater than 2% of its annual capacity factor.

Fuel use for boilers #1 & #4 shall be documented by recording the gal/hr of #6 fuel oil or amount of wood pellets fired in each boiler in a daily log to be kept on site at all times. If and when the above condition is met for a given boiler, TCC shall within 90 days comply with Chapter 138 Section (3)(L) and all record keeping requirements, in reference to that boiler.

3. Boiler #5

- a. TCC shall retrofit the existing burner of Boiler #5 prior to March 31, 1996 with low-NOx burner technology designed to minimize NOx emissions.
- b. TCC shall perform NOx emission stack testing on Boiler #5 in accordance with 40 CFR Part 60 or other methods approved or required by the Department by May 31, 1996 and every year thereafter.
- c. TCC shall submit a written report of the NOx emission test results of Boiler #5 by June 30, 1996 and every year thereafter.
- ~~d. After the second consecutive annual test, TCC shall submit and propose a NOx emission limitation that satisfies BPT by June 30, 1997. Following the Department's review and evaluation of the report, the license shall be amended to incorporate a NOx emission limit established by the Department.~~
- e. In addition, the licensee may apply to amend the license to reduce the frequency of stack testing upon successful compliance demonstration of two consecutive annual stack tests.

(m) Emergency diesel fire pump

1. Fuel use records and receipts for the emergency diesel engine shall be maintained for at least six years and made available to the Department upon request. Logbooks shall be maintained for at least six years indicating the following:
 - Monthly meter reading (Hours), including date of reading

The Chinet Company
Kennebec County
Waterville, Maine
A-416-72-B-A

)
)
)
6

Departmental
Finding of Fact and Order
Air Emission License

2. The diesel fire pump shall not operate more than 1,000 hours/year during any consecutive 12 month period, in order to be exempt from Section 1 (B)(1) of Chapter 138.
3. NOx emissions from the diesel engine are as follows:

Potential to Emit NO_x for the Emergency Fire Pump

<u>Diesel engine</u>	<u>Potential (1000 hrs/yr)</u>
----------------------	--------------------------------

Fire pump	2.6 ton/yr
-----------	------------

(n) The term of this order shall be effective from the date of signature and shall run concurrent with license # 1810.

DONE AND DATED IN AUGUSTA, MAINE THIS 18th DAY OF January 1996.

DEPARTMENT OF ENVIRONMENTAL PROTECTION

BY: James P. Brooks for J
Edward O. Sullivan, Commissioner

PLEASE NOTE ATTACHED SHEET FOR GUIDANCE ON APPEAL PROCEDURES

Date of initial receipt of application: February 7, 1995

Date of application acceptance: February 24, 1995

Date filed with Board of Environmental Protection: _____

This order prepared by Robert Leavitt, Bureau of Air Quality Control

