



STATE OF MAINE
DEPARTMENT OF ENVIRONMENTAL PROTECTION

JOHN ELIAS BALDACCI
GOVERNOR

BETH NAGUSKY
ACTING COMMISSIONER

**FMC Corporation,
Biopolymer Division
Knox County
Rockland, Maine
A-366-77-3-M**

**Departmental
Findings of Fact and Order
New Source Review**

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., § 344 and § 590, the Department finds the following facts:

I. REGISTRATION

A. Introduction

FACILITY	FMC Corporation, Biopolymer Division
LICENSE TYPE	06-096 CMR 115, Minor Revision
NAICS CODES	2099, 2835
NATURE OF BUSINESS	Refined Hydrocolloid Products
FACILITY LOCATION	Crocketts Point, PO Box 308, Rockland, ME
NSR AMENDMENT ISSUANCE DATE	September 22, 2010

B. Amendment Description

FMC Corporation, Biopolymer Division (FMC) was issued Air Emission License A-366-70-F-R on September 22, 2009. FMC has requested an amendment to their License in order to add an Economizer to the #5 Boiler at their Rockland facility.

C. Application Classification

The application for FMC does not violate any applicable federal or state requirements and does not reduce monitoring, reporting, testing or record keeping. This application does not seek to modify a Best Available Control Technology (BACT) analysis performed per New Source Review.

The installation of an economizer on Boiler #5 will not increase emissions. This application is therefore determined to be a minor revision under *Major and Minor Source Air Emission License Regulations*, 06-096 CMR 115 (last amended December 1, 2005) and has been processed as such.

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PRESQUE ISLE
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PRESQUE ISLE, MAINE 04679-2094
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II. BEST PRACTICAL TREATMENT (BPT)

A. Introduction

In order to receive a license the applicant must control emissions from each unit to a level considered by the Department to represent Best Practical Treatment (BPT), as defined in 06-096 CMR 100. Separate control requirement categories exist for new and existing equipment as well as for those sources located in designated non-attainment areas.

BPT for new sources and modifications requires a demonstration that emissions are receiving Best Available Control Technology (BACT), as defined in 06-096 CMR 100. BACT is a top-down approach to selecting air emission controls considering economic, environmental and energy impacts.

B. Boiler #5

The Economizer will be placed in the stack after the combustion chamber to reclaim some of the heat lost in the flue gas. This installation will not change the emissions profile of the flue gas. The addition of an economizer will potentially reduce the amount of fuel used in #5 Boiler and could therefore result in an overall emission reduction. Therefore, the Department approves FMC's request to install an Economizer on their #5 Boiler.

III. AMBIENT AIR QUALITY ANALYSIS

FMC previously submitted an ambient air quality analysis demonstrating that emissions from the facility, in conjunction with all other sources, do not violate ambient air quality standards. An additional ambient air quality analysis is not required for this revision.

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-366-77-3-M pursuant to the preconstruction licensing requirements of 06-096 CMR 115 and subject to the standard and special conditions below.

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Knox County
Rockland, Maine
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Severability. The invalidity or unenforceability of any provision, or part thereof, of this License shall not affect the remainder of the provision or any other provisions. This License shall be construed and enforced in all respects as if such invalid or unenforceable provision or part thereof had been omitted.

Specific Conditions

The Department approves the request from FMC to install an Economizer on #5 Boiler.
[06-096 CMR 115, BACT]

No existing Conditions will be altered as a result of this revision.

DONE AND DATED IN AUGUSTA, MAINE THIS *22nd* DAY OF *September* 2010.

DEPARTMENT OF ENVIRONMENTAL PROTECTION

BY: *James P. Bouchard*
BETH NAGUSKI, ACTING COMMISSIONER

PLEASE NOTE ATTACHED SHEET FOR GUIDANCE ON APPEAL PROCEDURES

Date of initial receipt of application: 7/6/2010

Date of application acceptance: 7/22/2010

Date filed with the Board of Environmental Protection: _____

This Order prepared by Jonathan Voisine, Bureau of Air Quality.



