



STATE OF MAINE
DEPARTMENT OF ENVIRONMENTAL PROTECTION



PAUL R. LEPAGE
GOVERNOR

PATRICIA W. AHO
COMMISSIONER

**FMC Corporation
Biopolymer Division
Knox County
Rockland, Maine
A-366-77-5-M**

**Departmental
Findings of Fact and Order
New Source Review
NSR #2**

FINDINGS OF FACT

After review of the air emissions license amendment 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., Section 344 and Section 590, the Maine Department of Environmental Protection (Department) finds the following facts:

I. REGISTRATION

A. Introduction

FACILITY	FMC Corporation (FMC)
LICENSE TYPE	06-096 CMR 115, Minor Revision
NAICS CODES	311999, 325412
NATURE OF BUSINESS	Refined Hydrocolloid Products
FACILITY LOCATION	Crocketts Point, P.O. Box 308, Rockland

B. Amendment Description

FMC Corporation, Biopolymer Division (FMC) was issued Air Emission License A-366-70-F-R on September 22, 2009.

In October 2010, FMC requested a minor revision to their license (A-355-77-3-M) for the installation of an economizer on Boiler #5 in an effort to better capture and utilize the heat and flue gas exhaust from the Boiler with the expected result of a slight decrease in fuel use and overall combustion emissions. However, the economizer did not result in decreased fuel use but actually resulted in reduced boiler efficiency. The economizer is now in need of costly repairs, and due to its poor performance, FMC has decided to remove it. The removal of the economizer will not result in emissions increases.

C. Application Classification

The application submitted by FMC does not violate any applicable federal or state requirements, does not reduce monitoring, reporting, testing or record keeping, and does not seek to modify a Best Available Control Technology (BACT) analysis.

The proposed revision will not change the facility's emission limits nor will it result in an emissions increase of greater than 4 tons/year of a single pollutant or 8 tons/year total pollutants. Therefore, the amendment is determined to be a minor revision under *Minor and Major Source Air Emission License Regulations* 06-096 CMR 115 (as amended).

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 *Definitions Regulation*, 06-096 CMR 100 (as amended). 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 removed from the stack after the combustion chamber. Since this removal will not increase emissions, the Department approves FMC's request to remove the Economizer from 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 minor revision.

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ORDER

The Department hereby grants Air Emission License Minor Revision A-366-77-5-M pursuant to the licensing requirements of 06-096 CMR 115 and subject to the standard and specific conditions below.

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

- (1) The Department approves the request from FMC to remove the Economizer on #5 Boiler previously approved in A-366-77-3-M. [06-096 CMR 115 BACT]

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

DONE AND DATED IN AUGUSTA, MAINE THIS 7 DAY OF October, 2013.

DEPARTMENT OF ENVIRONMENTAL PROTECTION

BY: Maureen Allen Robert Case for
PATRICIA W. AHO, COMMISSIONER

PLEASE NOTE ATTACHED SHEET FOR GUIDANCE ON APPEAL PROCEDURES

Date of initial receipt of application: 9/26/2013

Date of application acceptance: 9/27/2013

Date filed with the Board of Environmental Protection:

This Order prepared by Lisa Higgins, Bureau of Air Quality.

