Pursuant to the Provisions
of Section 39-115 of the Idaho Code,
and the Rules and Regulations for the Con-
trol of Air Pollution in Idaho,

FMC CORPORATION
Permittee, including affiliates, if any

Located at
Locatello, Idaho

is hereby granted permission to operate the Air
Pollution Source(s) and Control Equipment specified
herein provided the emission limitations, monitoring
requirements and other conditions set forth in the
Source Permit(s) are complied with.

Validation:
Issued February 26, 1980
Expiration February 26, 1985
SOURCE PERMIT NO. 13-1260-0005-01

Page 2 of 2

FMC CORPORATION located at Pocatello, Idaho is hereby granted permission to operate the following air pollution source or control equipment: Enclosed shale crushing operation and covered conveying system. Emissions controlled by 3 baghouses.

Restrictions:

<table>
<thead>
<tr>
<th>Emission Point</th>
<th>Emission Characteristic</th>
<th>Emission Limitations</th>
<th>Monitoring Requirements</th>
</tr>
</thead>
<tbody>
<tr>
<td>#1 Baghouse</td>
<td>Particulate</td>
<td>1.0 lb/hr</td>
<td>stack test as Required by Operation and Maintenance Manual.</td>
</tr>
<tr>
<td>#2 Baghouse</td>
<td>Particulate</td>
<td>2.6 lb/hr</td>
<td></td>
</tr>
<tr>
<td>#3 Baghouse</td>
<td>Particulate</td>
<td>3.0 lb/hr</td>
<td></td>
</tr>
</tbody>
</table>

Conditions:
When visible emissions from the baghouse exceed 5% opacity, corrective action shall be implemented in accordance with procedure established in the Operation and Maintenance Manual. However, exceeding 5% opacity shall not be deemed a violation of this Permit.

Validation (if different from Facility Permit)

Issued
Expiration

Authorizing Signature
PNC CORPORATION located AT POCATELLO, IDAHO

is hereby granted permission to operate the following air pollution source or control equipment: 1 calciner and cooler. Emissions from the calciner are controlled by two scrubbers in parallel; the emissions from the first cooler section are controlled by a baffled settling chamber and the exhaust gases are referred to the calciner as Preheat air; the second cooler is divided into two parts - emissions controlled by a settling chamber and exhausted out a common stack.

Restrictions:

<table>
<thead>
<tr>
<th>Emission Point</th>
<th>Emission Characteristic</th>
<th>Emission Limitations</th>
<th>Monitoring Requirements</th>
</tr>
</thead>
<tbody>
<tr>
<td>Scrubber</td>
<td>Particulate</td>
<td>38.0 lb/hr</td>
<td>Stack Test as Required by Operation and Manual</td>
</tr>
<tr>
<td>Scrubber</td>
<td>Particulate</td>
<td>38.0 lb/hr</td>
<td></td>
</tr>
<tr>
<td>Split Cooler Stack</td>
<td>Particulate</td>
<td>16.0 lb/hr</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Particulate</td>
<td>16.0 lb/hr</td>
<td></td>
</tr>
</tbody>
</table>

Conditions:

Validation (if different from Facility Permit)

Issued
Expiration

Authorizing Signature
FMC CORPORATION is hereby granted permission to operate the following air pollution source or control equipment: #2 calciner and cooler. Emissions from the calciner are controlled by two scrubbers in parallel; the emissions from the first cooler section are controlled by a baffled settling chamber and the exhaust gases are fed to the calciner as preheat air; the second cooler is divided into two parts - emissions controlled by a baffled settling chamber and exhausted out two stacks, one for each section.

**Restrictions:**

<table>
<thead>
<tr>
<th>Emission Point</th>
<th>Emission Characteristic</th>
<th>Emission Limitations</th>
<th>Monitoring Requirements</th>
</tr>
</thead>
<tbody>
<tr>
<td>Scrubber #1</td>
<td>Particulate</td>
<td>39.0 lb/hr</td>
<td>Stack Test as Required by Operation and Maintenance Manual.</td>
</tr>
<tr>
<td>Scrubber #2</td>
<td>Particulate</td>
<td>39.0 lb/hr</td>
<td></td>
</tr>
<tr>
<td>Cooler Stack #1</td>
<td>particulate</td>
<td>36.0 lb/hr</td>
<td></td>
</tr>
<tr>
<td>Cooler Stack #2</td>
<td>Particulate</td>
<td>25.0 lb/hr</td>
<td></td>
</tr>
</tbody>
</table>

**Conditions:**

Validation (if different from Facility Permit)

Issued

Expiration

[Authorizing Signature]
FMC CORPORATION, located near at Pocatello, Idaho, is hereby granted permission to operate the following air pollution source or control equipment: Reclam area and transfer of briquets with emissions controlled by 2 baghouses.

Restrictions:

<table>
<thead>
<tr>
<th>Emission Point</th>
<th>Emission Characteristic</th>
<th>Emission Limitations</th>
<th>Monitoring Requirements</th>
</tr>
</thead>
<tbody>
<tr>
<td>North Nodule Reclam</td>
<td>Particulate</td>
<td>3.0 lb/hr</td>
<td>Stack Test as Required by Operation and Maintenance Manual.</td>
</tr>
<tr>
<td>South Nodule Reclam</td>
<td>Particulate</td>
<td>3.0 lb/hr</td>
<td></td>
</tr>
</tbody>
</table>

Conditions:

When visible emissions from the baghouse exceed 5% opacity, corrective action shall be implemented in accordance with procedure established in the Operation and Maintenance Manual. However, exceeding 5% opacity shall not be deemed a violation of this Permit.

Validation (if different from Facility Permit)

Issued

Expiration

Authorizing Signature
FMC CORPORATION located at Pocatello, Idaho is hereby granted permission to operate the following air pollution source or control equipment: Proportioning system, including nodules and silica, controlled by 3 baghouses (East and West Nodule Baghouses and Silo Baghouse).

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**Restrictions:**

<table>
<thead>
<tr>
<th>Emission Point</th>
<th>Emission Characteristic</th>
<th>Emission Limitations</th>
<th>Monitoring Requirements</th>
</tr>
</thead>
<tbody>
<tr>
<td>East Nodule Baghouse</td>
<td>Particulate</td>
<td>3.0 lb/hr</td>
<td>Stack Test as Required</td>
</tr>
<tr>
<td>West Nodule Baghouse</td>
<td>Particulate</td>
<td>3.0 lb/hr</td>
<td>Operation and Maintenance Manual</td>
</tr>
<tr>
<td>Silo Baghouse</td>
<td>Particulate</td>
<td>3.0 lb/hr</td>
<td></td>
</tr>
</tbody>
</table>

**Conditions:**

When visible emissions from the baghouse exceed 5% opacity, corrective action shall be implemented in accordance with procedure established in the Operation and Maintenance Manual. However, exceeding 5% opacity shall not be deemed a violation of this Permit.

**Validation (if different from Facility Permit)**

Issued

Expiration

[Authorizing Signature]
PNC CORPORATION located in Pocatello, Idaho

is hereby granted permission to operate the following air pollution source or control equipment: Furnace burdening system, controlled by two baghouses on the four furnaces.

Restrictions:

<table>
<thead>
<tr>
<th>Emission Point</th>
<th>Emission Characteristic</th>
<th>Emission Limitations</th>
<th>Monitoring Requirements</th>
</tr>
</thead>
<tbody>
<tr>
<td>#1 Burden Baghouse</td>
<td>Particulate</td>
<td>6.0 lb/hr</td>
<td>Stack Test as Required by Operation and Maintenance Manual.</td>
</tr>
<tr>
<td>#2 Burden Baghouse</td>
<td>Particulate</td>
<td>6.0 lb/hr</td>
<td></td>
</tr>
</tbody>
</table>

Conditions:
When visible emissions from a baghouse exceed 5% opacity, corrective action shall be implemented in accordance with procedures established in the Operation and Maintenance Manual. However, exceeding 5% opacity shall not be deemed a violation of this Permit.

Validation (if different from Facility Permit)
Issued_____________________
Expiration__________________

[Authorizing Signature]
FMC CORPORATION located at Pocatello, Idaho is hereby granted permission to operate the following air pollution source or control equipment: Coke handling system with emissions controlled by a baghouse.

Restrictions:

<table>
<thead>
<tr>
<th>Emission Point</th>
<th>Emission Characteristic</th>
<th>Emission Limitations</th>
<th>Monitoring Requirements</th>
</tr>
</thead>
<tbody>
<tr>
<td>Baghouse</td>
<td>Particulate</td>
<td>3.0 lb/hr</td>
<td>Stack Test as Required by Operation and Maintenance Manual.</td>
</tr>
</tbody>
</table>

Conditions:
When visible emissions from a baghouse exceed 5% opacity, corrective action shall be implemented in accordance with procedures established in the Operation and Maintenance Manual. However, exceeding 5% opacity shall not be deemed a violation of this Permit.

Validation (if different from Facility Permit)

Issued
Expiration

Authorizing Signature
FMC CORPORATION located at Pocatello, Idaho is hereby granted permission to operate the following air pollution source or control equipment: #1 electric arc furnace, with tapping emissions controlled by 2 Medusa scrubbers in a crossover network followed by an Andersen control system.

Restrictions:

<table>
<thead>
<tr>
<th>Emission Point</th>
<th>Emission Characteristic</th>
<th>Emission Limitations</th>
<th>Monitoring Requirements</th>
</tr>
</thead>
<tbody>
<tr>
<td>Andersen system</td>
<td>Particulate</td>
<td>5.0 lb/hr</td>
<td>Stack Test as Required by Operation and Maintenance Manual</td>
</tr>
</tbody>
</table>

Conditions: When visible emissions from the Andersen Control System exceed 5% opacity, corrective action shall be implemented in accordance with procedures established in the Operation and Maintenance Manual. However, exceeding 5% opacity shall not be deemed a violation of this Permit.

Validation (if different from Facility Permit)

Issued

Expiration

[Authorizing Signature]
FWC CORPORATION located NNE at Pocatello, Idaho

is hereby granted permission to operate the following air pollution source or control equipment; 2 electric arc furnaces, with tapping emissions controlled by 2 Medusa scrubbers in a crossover network followed by an Andersen control system.

Restrictions:

<table>
<thead>
<tr>
<th>Emission Point</th>
<th>Emission Characteristic</th>
<th>Emission Limitations</th>
<th>Monitoring Requirements</th>
</tr>
</thead>
<tbody>
<tr>
<td>Andersen system</td>
<td>Particulate</td>
<td>5.0 lb/hr</td>
<td>Stack Test as Required by Operation and Maintenance Manual.</td>
</tr>
</tbody>
</table>

Conditions: When visible emissions from exceed 5% opacity, corrective action shall be implemented in accordance with procedures established in the Operation and Maintenance Manual. However, exceeding 5% opacity shall not be deemed a violation of this Permit.

Validation (if different from Facility Permit)

Issued

Expiration

[Signature]

Authorizing Signature
PNC CORPORATION located at Rocastle, Idaho is hereby granted permission to operate the following air pollution source or control equipment: 13 electric arc furnaces, with tapping emissions controlled by 2 Medusa scrubbers in a crossover network followed by an Andersen control system.

<table>
<thead>
<tr>
<th>Emission Point</th>
<th>Emission Characteristic</th>
<th>Emission Limitations</th>
<th>Monitoring Requirements</th>
</tr>
</thead>
<tbody>
<tr>
<td>Andersen system</td>
<td>Particulate</td>
<td>5.0 lb/hr</td>
<td>Stack Test as Required by Operation and Maintenance Manual.</td>
</tr>
</tbody>
</table>

Conditions: the Andersen Control System. When visible emissions from exceed 5% opacity, corrective action shall be implemented in accordance with procedures established in the Operation and Maintenance Manual. However, exceeding 5% opacity shall not be deemed a violation of this Permit.

Validation (if different from Facility Permit)

Issued

Expiration

Authorizing Signature
FMC CORPORATION located 66½ at Pocatello, Idaho

is hereby granted permission to operate the following air pollution source or control equipment: #4 electric arc furnace, with tapping emissions controlled by 2 Medusa scrubbers in a crossover network followed by an Andersen control system.

<table>
<thead>
<tr>
<th>Emission Point</th>
<th>Emission Characteristic</th>
<th>Emission Limitations</th>
<th>Monitoring Requirements</th>
</tr>
</thead>
<tbody>
<tr>
<td>Andersen system</td>
<td>Particulate</td>
<td>5.0 lb/hr</td>
<td>Stack Test as Required by Operation and Maintenance Manual.</td>
</tr>
</tbody>
</table>

Conditions: the Andersen Control System When visible emissions from #4 exceed 5% opacity, corrective action shall be implemented in accordance with procedures established in the Operation and Maintenance Manual. However, exceeding 5% opacity shall not be deemed a violation of this Permit.

Validation (if different from Facility Permit)

Issued
Expiration

Authorizing Signature
FMC CORPORATION, located July at Pocatello, Idaho, is hereby granted permission to operate the following air pollution source or control equipment: Dust disposal system from FBD electrostatic precipitator controlled by a scrubber.

Restrictions:

<table>
<thead>
<tr>
<th>Emission Point</th>
<th>Emission Characteristic</th>
<th>Emission Limitations</th>
<th>Monitoring Requirements</th>
</tr>
</thead>
<tbody>
<tr>
<td>Scrubber</td>
<td>Particulate</td>
<td>22.0 lb/hr</td>
<td>Stack Test as Required by Operation and Maintenance Manual.</td>
</tr>
</tbody>
</table>

Conditions:

Validation (if different from Facility Permit)

Issued

Expiration

[Authorizing Signature]
FMC CORPORATION located at Pocatello, Idaho is hereby granted permission to operate the following air pollution source or control equipment: carbon monoxide flare pit - used to control carbon monoxide pressure in furnace and calciner operations.

Restrictions:

Emission Point Emission Characteristic Emission Limitations Monitoring Requirements

General provisions of the Rules and Regulations for the Control of Air Pollution in Idaho.

Conditions:

Validation (if different from Facility Permit)

Issued: ____________________
Expiration: ____________________

Authorizing Signature
FMC CORPORATION is hereby granted permission to operate the following air pollution source or control equipment: P4 dock, with wet wall electrostatic precipitator to control emissions from rail loading of phosphorus.

Restrictions:

<table>
<thead>
<tr>
<th>Emission Point</th>
<th>Emission Characteristic</th>
<th>Emission Limitations</th>
<th>Monitoring Requirements</th>
</tr>
</thead>
<tbody>
<tr>
<td>Precipitator</td>
<td>Particulate</td>
<td>3.0 lb/hr</td>
<td>Stack Test as Required by Operation and Maintenance Manual.</td>
</tr>
</tbody>
</table>

Conditions:

Validation (if different from Facility Permit)

Issued

Expiration

[Authorizing Signature]
FMC CORPORATION located 400 ft at pocatello, Idaho is hereby granted permission to operate the following air pollution source or control equipment; Three boilers fired by natural gas with distillate fuel oil as standby.

Restrictions:

Sulfur limited in distillate fuel grades as defined in Section 1-1354 of the Rules and Regulations for the Control of Air Pollution in Idaho.

Conditions:

Validation (if different from Facility Permit)

Issued

Expiration

Authorizing Signature
PNC CORPORATION located at Pocatello, Idaho is hereby granted permission to operate the following air pollution source or control equipment: Nodule stockpiling ladges, controlled by a baghouse.

Restrictions:

<table>
<thead>
<tr>
<th>Emission Point</th>
<th>Emission Characteristic</th>
<th>Emission Limitations</th>
<th>Monitoring Requirements</th>
</tr>
</thead>
<tbody>
<tr>
<td>Stockpile Baghouse</td>
<td>Particulate</td>
<td>3.0 lb/hr</td>
<td>Stack Test as Required by Operation and Maintenance Manual</td>
</tr>
</tbody>
</table>

Conditions:
When visible emissions from a baghouse exceed 5% opacity, corrective action shall be implemented in accordance with procedures established in the Operation and Maintenance Manual. However, exceeding 5% opacity shall not be deemed a violation of this Permit.

Validation (if different from Facility Permit)

Issued

Expiration

[Signature]

Authorizing Signature
FMC CORPORATION located near at Pocatello, Idaho

is hereby granted permission to operate the following air pollution source or control equipment: All haul and access roads, parking areas, and other areas with potential for fugitive dust production.

Restrictions:

<table>
<thead>
<tr>
<th>Emission Point</th>
<th>Emission Characteristic</th>
<th>Emission Limitations</th>
<th>Monitoring Requirements</th>
</tr>
</thead>
<tbody>
<tr>
<td>Plant roads and parking areas.</td>
<td>Fugitive Dust</td>
<td>See conditions below.</td>
<td>Recording and monitoring as required by Operation and Maintenance Manual.</td>
</tr>
</tbody>
</table>

Conditions:
1. All unpaved roads and parking areas shall be treated with water or a chemical suppressant in accordance with the procedures established in the Operation and Maintenance Manual.
2. All paved roads shall be maintained in a clean condition by wet sweeping or wet washing. The removal of dust shall be accomplished in accordance with the procedures established in the Operation and Maintenance Manual.

Validation (if different from Facility Permit):

Issued

Expiration

Authorizing Signature
PART II  GENERAL PROVISIONS

A  All emissions authorized herein shall be consistent with the terms and conditions of this permit. The emission of any pollutant in excess of the limitations specified herein, or non-compliance with any other condition or limitation contained in this permit, shall constitute a violation of this permit and the Rules and Regulations for the Control of Air Pollution in Idaho, and the Environmental Protection and Health Act, Idaho Code 39-101 et seq.

B  The permittee shall at all times (except as provided in the Rules and Regulations for the Control of Air Pollution in Idaho) maintain in good working order and operate as efficiently as practicable, all treatment or control facilities or systems installed or used to achieve compliance with the terms and conditions of this permit and other applicable laws for the control of air pollution.

C  The permittee shall allow the Director, and/or his authorized representative(s), upon the presentation of credentials:

1) To enter upon the permittee’s premises where an emission source is located, or in which any records are required to be kept under the terms and conditions of this permit; and
2) at reasonable times to have access to and copy any records required to be kept under the terms and conditions of this permit; to inspect any monitoring equipment or monitoring method required in this permit, and to sample any emission of pollutants.

D Except for data determined to be confidential under Section 39-111, Idaho Code, all reports prepared in accordance with the terms of this permit shall be available for public inspection at the appropriate regional office of the Division of Environment.

E Nothing in this permit is intended to relieve or exempt the permittee from compliance with any applicable federal, state or local law or regulation, except as specifically provided herein.

F In the event of any change in control or ownership of source(s) from which the authorized emissions emanate, the permittee shall notify the succeeding owner or controller of the existence of this permit by letter, a copy of which shall be forwarded to the Director.

G Until the expiration date, this permit shall be renewable annually, provided the permittee submits any and all information necessary for the Director to determine the amount and type of air pollutants emitted from the equipment for which this permit is granted. Failure to submit
such information within sixty (60) days after receipt of the Director's request shall cause the permit to be voided.

II The Director may require the permittee to develop a list of Operation and Maintenance Procedures which must be approved by the Department. Such list of procedures shall become a part of this permit by reference, and the permittee shall adhere to all of the operation and maintenance procedures contained therein.

I The permittee shall provide the appropriate regional office a minimum of five (5) days notice prior to the scheduled date of any emissions test required pursuant to this permit. The permittee shall notify the appropriate regional office of any change in the testing schedule and shall provide at least one (1) days notice prior to conducting any rescheduled test. Any records or data generated as a result of such compliance tests shall be made available to the Department upon request.