



STATE OF IDAHO  
DEPARTMENT OF  
ENVIRONMENTAL QUALITY

1410 North Hilton • Boise, Idaho 83706 • (208) 373-0502

C.L. "Butch" Otter, Governor  
Toni Hardesty, Director

August 14, 2009

**Certified Mail No. 7190 0596 0014 0000 6947**

Dave Turner, President  
Masco dba Knife River  
5450 W. Gowen Road  
Boise, ID 83709

RE: Facility ID No. 777-00386, Masco dba Knife River, Boise  
Final Permit Letter

Dear Mr. Turner:

The Department of Environmental Quality (DEQ) is issuing Permit to Construct (PTC) No. P-2009.0071 to Masco dba Knife River to install a new hot water heater and a portable cement storage silo at its Boise facility, in accordance with IDAPA 58.01.01.200 through 228 (Rules for the Control of Air Pollution in Idaho).

This permit is based on your permit application received on May 21, 2009, and supplemental information received on May 26, 2009. This permit is effective immediately and replaces PTC No. P-060021, issued on October 13, 2006, the terms and conditions of which no longer apply. This permit does not release Masco dba Knife River from compliance with all other applicable federal, state, or local laws, regulations, permits, or ordinances.

Pursuant to General Provision 5 of your permit, it is required that Construction and Operation Notification be provided. Please provide this information as listed to DEQ's Boise Regional Office at 1445 N. Orchard, Boise, ID 83706, Fax (208) 373-0287.

In order to fully understand the compliance requirements of this permit, DEQ highly recommends that you schedule a meeting with Tom Krinke, Air Quality Compliance Officer, at (208) 373-0550 to review and discuss the terms and conditions of this permit. Should you choose to schedule this meeting, DEQ recommends the following representatives attend the meeting: your facility's plant manager, responsible official, environmental contact, and any other staff responsible for day-to-day compliance with permit conditions.

Pursuant to IDAPA 58.01.23, you, as well as any other entity, may have the right to appeal this final agency action within 35 days of the date of this decision. However, prior to filing a petition for a contested case, I encourage you to contact Harbi Elshafei at (208) 373-0502 or

Masco dba Knife River, Boise  
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harbi.elshafei@deq.idaho.gov to address any questions or concerns you may have with the enclosed permit.

Sincerely,

A handwritten signature in blue ink that reads "Bill Rogers" with a large, stylized flourish at the end.

Mike Simon  
Stationary Source Program Manager  
Air Quality Division

MS\HE\hp

Project No. P-2009.0071

Enclosure



**Air Quality  
PERMIT TO CONSTRUCT  
State of Idaho  
Department of Environmental Quality**

**PERMIT No.:** P-2009.0071

**FACILITY ID No.:** 777-00386

**AQCR:** Portable      **CLASS:** B      **ZONE:** 11 or 12

**SIC:** 3273

**NAICS:** 327320

**UTM COORDINATE (km):** Portable

**1. PERMITTEE**

Masco dba Knife River

**2. PROJECT**

Permit to Construct Modification

**3. MAILING ADDRESS**

5450 W. Gowen Road

**CITY**

Boise

**STATE**

ID

**ZIP**

83709

**4. FACILITY CONTACT**

Jeff Lee

**TITLE**

Plant Manager

**TELEPHONE**

(208) 941-0077 (cell)  
jeff.lee@kniferiver.com

**5. RESPONSIBLE OFFICIAL**

Dave Turner

**TITLE**

President

**TELEPHONE**

(208) 362-6152

**6. EXACT PLANT LOCATION**

Portable. Plant initial location: 5450 West Gowen Road, Boise, Idaho

**COUNTY**

Initial location: Ada

**7. GENERAL NATURE OF BUSINESS & KINDS OF PRODUCTS**

Concrete batch plant

**8. PERMIT AUTHORITY**

This permit is issued according to the Rules for the Control of Air Pollution in Idaho, IDAPA 58.01.01.200 through 228, and pertains only to emissions of air contaminants regulated by the state of Idaho and to the sources specifically allowed to be constructed or modified by this permit.

This permit (a) does not affect the title of the premises upon which the equipment is to be located; (b) does not release the permittee from any liability for any loss due to damage to person or property caused by, resulting from, or arising out of the design, installation, maintenance, or operation of the proposed equipment; (c) does not release the permittee from compliance with other applicable federal, state, tribal, or local laws, regulations, or ordinances; (d) in no manner implies or suggests that the Department of Environmental Quality (DEQ) or its officers, agents, or employees, assume any liability, directly or indirectly, for any loss due to damage to person or property caused by, resulting from, or arising out of design, installation, maintenance, or operation of the proposed equipment.

This permit will expire if construction has not begun within two years of its issue date or if construction is suspended for one year.

This permit has been granted on the basis of design information presented with its application. Changes in design, equipment or operations may be considered a modification. Modifications are subject to DEQ review in accordance with IDAPA 58.01.01.200 through 228 of the Rules for the Control of Air Pollution in Idaho.

*Harbi A. Elshafiei*

HARBI ELSHAFEI, PERMIT WRITER  
DEPARTMENT OF ENVIRONMENTAL QUALITY

*Bill Rogers for*

MIKE SIMON, STATIONARY SOURCE PROGRAM MANAGER  
DEPARTMENT OF ENVIRONMENTAL QUALITY

**DATE MODIFIED/REVISED:**

August 14, 2009

**DATE ISSUED:**

October 13, 2006

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## Acronyms, Units, and Chemical Nomenclature

AQCR	Air Quality Control Region
cfm	cubic feet per minute
DEQ	Department of Environmental Quality
dscf	dry standard cubic feet
ft	feet
gr	grain (1 lb = 7,000grains)
gr/dscf	grains per dry standard cubic feet
IDAPA	a numbering designation for all administrative rules in Idaho promulgated in accordance with the Idaho Administrative Procedures Act
km	kilometer
lb/day	pounds per hour
lb/yr	pounds per year
MMBtu	million British thermal units
NAICS	North American Industry Classification System
PM	particulate matter
PM <sub>10</sub>	particulate matter with an aerodynamic diameter less than or equal to a nominal 10 micrometers
PTC	permit to construct
PERF	Portable Equipment Relocation Form
scf	standard cubic feet
SIC	Standard Industrial Classification
UTM	Universal Transverse Mercator

**AIR QUALITY PERMIT TO CONSTRUCT NUMBER: P-2009.0071**

<b>Permittee:</b>	Masco dba Knife River	<b>Facility ID No.</b> 777-00386
<b>Location:</b>	Idaho, Initial location: Boise	

**1. PERMIT TO CONSTRUCT SCOPE**

**Purpose**

- 1.1 This Permit to Construct (PTC) is a modification to PTC No. P-060021, issued October 13, 2006. The modification is to add a diesel hot water heater and a portable PIG cement storage silo to the process.
- 1.2 Those permit conditions that have been modified or revised by this permitting action are identified by a date citation located directly under the permit condition and on the right hand margin.
- 1.3 This PTC replaces PTC No. P-060021, issued on October 13, 2006, the terms and conditions of which shall no longer apply.

**Regulated Sources**

- 1.4 Table 1.1 lists all sources of regulated emissions in this PTC.

**Table 1.1 SUMMARY OF REGULATED SOURCES**

Permit Section	Source Description	Emissions Control(s)
2	<p><u>Concrete batch plant</u>                      Manufacturer: CON-E-CO, or equivalent                      Model: LO-PRO-12, or equivalent                      Maximum production rate: 300 cubic yards of concrete per hour</p> <p>The plant has the following major components:</p> <ul style="list-style-type: none"> <li>• Cement I storage bin with total storage of 860 cubic feet and PJC-300S silo dust control system</li> <li>• Cement II mobile storage silo with total storage of 1,900 cubic feet and PJC-300S silo dust control system</li> <li>• 12-cubic yard cement batcher with BV-14 batcher dust control system</li> <li>• Four-compartment aggregate bin</li> <li>• 12-cubic yard aggregate batcher</li> <li>• (PIG) Cement horizontal silo                      Manufacturer: Troxell Company Inc.                      Capacity: 180 tons                      SN No.: 1T95556187R719464</li> </ul>	<p><u>Cement I storage bin dust control system/baghouse</u>                      Manufacturer: CON-E-CO, or equivalent                      Model: PJC-300S silo dust control system/baghouse, or equivalent                      Max. exit flow rate: 1,500 cfm for cement, or 1,000 cfm for fly ash                      Discharge area: 0.67 ft<sup>2</sup>                      Direction of air discharge: downward                      Control efficiency: 99.9% for PM<sub>10</sub>                      The PM and PM<sub>10</sub> emissions from the PIG are controlled by the silo dust control system/baghouse.</p> <p><u>Cement II mobile storage silo dust control system/baghouse</u>                      Manufacturer: CON-E-CO, or equivalent                      Model: PJC-300S silo dust control system/baghouse, or equivalent                      Max. exit flow rate: 1,500 cfm for cement, or 1,000 cfm for fly ash                      Discharge area: 0.67 ft<sup>2</sup>                      Direction of air discharge: downward                      Control efficiency: 99.9% for PM<sub>10</sub></p> <p><u>Cement batcher dust control system/baghouse</u>                      Manufacturer: CON-E-CO, or equivalent                      Model: BV-14 batcher dust control system/baghouse, or equivalent                      Max. exit flow rate: 180 cfm                      Discharge area: 0.33 ft<sup>2</sup>                      Direction of air discharge: downward                      Control efficiency: 99.9% for PM<sub>10</sub></p> <p><u>Truck mix loading dust control system/baghouse</u>                      Manufacturer: CON-E-CO, or equivalent                      Model: PJ-980 dust control system/baghouse, or equivalent                      Blower Capacity/max. exit flow rate: 5880 cfm                      Discharge area: 2.3 ft<sup>2</sup>                      Direction of air discharge: horizontal                      Control efficiency: 99.9% for PM<sub>10</sub></p> <p>Emissions from the diesel hot water heater are uncontrolled</p>
	<u>2.8 MMBtu/hr diesel hot water heater</u>	

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<b>Location:</b>	Idaho, Initial location: Boise

**Facility ID No. 777-00386**

**2. CONCRETE BATCH PLANT**

**2.1 Process Description**

The portable concrete batch plant is comprised of one cement storage silo, one portable PIG horizontal cement silo used as an additional storage, one fly ash storage silo, one 12-cubic yard cement batcher, a four-compartment overhead aggregate bin, one 12-cubic yard aggregate batcher, conveyors, and 2.8 MMBtu/hr diesel hot water heater. The plant combines sand, gravel, cement, fly ash, and water to produce concrete. Electricity of the plant is supplied by the local electric utility.

**2.2 Emissions Control Description**

PM<sub>10</sub> emissions from the cement silo, the fly ash silo, the cement weigh batcher, and from truck mix loading are each controlled by a baghouse. The emissions point for each baghouse is listed in Table 2.1.

**Table 2.1 CONTROL DESCRIPTION OF THE CONCRETE BATCH PLANT**

<b>Emissions Unit(s) / Process(es)</b>	<b>Emissions Control Device</b>	<b>Emissions Point</b>
Cement I storage bin (PIG) Horizontal cement silo	PJC-300S silo dust control system/baghouse	Stack height: 45 ft Equivalent stack diameter: 0.9 ft. Exit air flow rate : 1,500 cfm for cement, or 1,000 cfm for fly ash
Cement II Mobile storage silo	PJC-300S silo dust control system/baghouse	Stack height: 56 ft Equivalent stack diameter: 0.9 ft. Exit air flow rate : 1,500 cfm for cement, or 1,000 cfm for fly ash
Cement batcher	BV-14 batcher dust control system/baghouse	Stack height: 16 ft Equivalent stack diameter: 0.65 ft Exit air flow rate : 180 cfm
Truck mix loading	PJ-980 dust control system/baghouse	Stack height: 38 ft Equivalent stack diameter: 1.7 ft. Exit air flow rate : 5,880 cfm
2.8 MMBtu/hr diesel hot water heater	none	Stack height: 10 ft Equivalent stack diameter: 10 inches Exit temperature: 761 degrees F Exit air flow rate : 885 acfm

[8/14/09]

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<b>Location:</b>	Idaho, Initial location: Boise	

**Emissions Limits**

**2.3 Emissions Limits**

The PM<sub>10</sub>, arsenic, and nickel emissions shall not exceed any emissions rate limit listed in Table 2.2.

**Table 2.2 BAGHOUSES EMISSIONS LIMITS**

Source Description	PM <sub>10</sub> <sup>*</sup>	Arsenic	Nickel
	lb/day	lb/yr	lb/yr
Cement I storage bin baghouse	0.50	1.08E-03	1.14E-02
Cement II Mobile storage silo baghouse	0.50	9.59E-02	2.19E-01
Cement batcher baghouse	0.29	--	--
Truck mix loading baghouse	28.7	1.28E-01	5.03E-01

\* particulate matter with an aerodynamic diameter less than or equal to a nominal 10 micrometers

**2.4 PM Emissions Limit from the Diesel-fired Hot Water Heater**

The permittee shall not discharge particulate matter (PM) to the atmosphere from any fuel-burning equipment in excess of 0.050 gr/dscf of effluent gas corrected to 3% oxygen by volume for liquid as required by IDAPA 58.01.01.675.

[8/14/09]

**2.5 Visible Emissions Limit**

Emissions from each dust collection system stack, diesel hot water heater stack, or any other stack, vent, or functionally equivalent opening associated with the portable concrete batch plant, shall not exceed 20% opacity for a period or periods aggregating more than three minutes in any 60-minute period as required by IDAPA 58.01.01.625.

**Operating Requirements**

**2.6 Concrete Production Limit**

- The concrete production rate shall not exceed 7,200 cubic yards per day.
- The concrete production rate shall not exceed 2,628,000 cubic yards per any consecutive 12-calendar month period.

**2.7 Operations and Maintenance (O&M) Manual**

The permittee shall maintain and implement an O&M manual for the dust collectors which controls the particulate matter (PM) and PM<sub>10</sub> emissions from the plant (i.e. cement silo, fly ash silo, the PIG cement horizontal silo, cement weigh batcher, and truck mix loading). The O&M manual shall describe the procedures that will be followed to comply with General Provision 2 and the manufacturer specifications for the dust collectors. The manual shall contain, at a minimum, requirements for monthly inspections of the dust collectors during each month of operation. The inspections shall include, but not be limited to, checking pressure drop of the baghouses. The permittee shall operate the dust collectors in accordance with the O&M manual. The manual shall remain on site at all times and shall be made

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available to DEQ representatives upon request. By 12/13/06, the permittee shall have submitted a copy of the O&M manual to DEQ at the following address:

Air Quality Permit Compliance  
Department of Environmental Quality  
Boise Regional Office  
1445 N. Orchard  
Boise, ID 83706

**2.8 Fugitive Dust Control Strategies**

The permittee shall immediately implement a strategy or strategies to control fugitive dust emissions whenever:

- Visible fugitive emissions are greater than 20% from any transfer point. For the purposes of this permit condition, transfer points include, but are not limited to, the following: transfer of sand and aggregate to respective weight bins/hoppers or storage bins/hoppers; transfer of sand and aggregate from respective weight bins/hoppers or storage bins/hoppers to a conveyor; transfer of sand and aggregate from a conveyor to the mix truck; transfer of cement and cement supplement, if applicable from the storage silo(s) to the mix truck.

Transfer point control strategies include, but are not limited to, the following: limit drop heights such that there is a homogeneous flow of material; install, operate, and maintain water spray bars to control fugitive dust emissions at transfer points on conveyors.

- Visible fugitive emissions from wind erosion on stockpiles exceed 20% opacity for a period or periods aggregating more than one minute in any 60-minute period.  
Stockpile wind erosion control strategies include, but are not limited to, the following: limit the height of the stockpiles; limit the disturbance of stockpiles; and apply water or a chemical dust suppressant onto the surface of the stockpile.
- Visible fugitive emissions from vehicle traffic on any paved or unpaved roads within the facility boundary of the concrete batch plant exceeds 20% opacity for a period or periods aggregating more than one minute in any 60-minute period.

Visible fugitive emissions control strategies for vehicle traffic on paved and unpaved roads within the facility boundary include, but are not limited to, the following: limit vehicle traffic; limit vehicle speed; apply water or a chemical dust suppressant to the surface of the road; apply gravel to the surface of unpaved roads; and sweep or use water sprays to clean the surface of a paved road.

**2.9 Reasonable Control of Fugitive Emissions**

All reasonable precautions shall be taken to prevent PM from becoming airborne in accordance with IDAPA 58.01.01.650-651. In determining what is reasonable, consideration will be given to factors such as the proximity of dust-emitting operations to human habitations and/or activities and atmospheric conditions that might affect the movement of PM. Some of the reasonable precautions include, but are not limited to, the following:

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- Use, where practical, of water or chemicals for control of dust in the demolition of existing buildings or structures, construction operations, the grading of roads, or the clearing of lands.
- Application, where practical, of asphalt, water, or suitable chemicals to, or covering of, dirt roads, material stockpiles, and other surfaces which can create dust.
- Installation and use, where practical, of hoods, fans, and fabric filters or equivalent systems to enclose and vent the handling of dusty materials. Adequate containment methods should be employed during sandblasting or other operations.
- Covering, where practical, of open-bodied trucks transporting materials likely to give rise to airborne dusts.
- Paving of roadways and their maintenance in a clean condition, where practical.
- Prompt removal of earth or other stored material from streets, where practical.

**2.10 Operating Hours for the Diesel-fired Hot Water Heater**

The operating hours of the diesel-fired hot water heater shall not exceed 24 hours per day and 1,100 hours per year.

[8/14/09]

**2.11 Fuel Type and Fuel Sulfur Content**

The hot water heater shall exclusively use distillate fuel oil (ASTM No. 1, No. 2, or mix of No. 1 and No. 2) with a maximum sulfur content of 0.0015 wt percent (15 ppm).

[8/14/09]

***Monitoring and Recordkeeping Requirements***

**2.12 Concrete Production Monitoring**

The permittee shall monitor and record the concrete production daily (when the facility is operated that day), monthly (when the facility is operated that month), and annually to demonstrate compliance with Permit Condition 2.6. Annual production shall be determined by summing each monthly production total over the previous consecutive 12-month period.

**2.13 Visible Emissions/Opacity Monitoring**

During any month that the facility is operated, the permittee shall conduct a monthly facility-wide inspection of potential sources of visible emissions, including the stack and the vent of the dust collectors/baghouses, during daylight hours and under normal operating conditions. The inspection shall consist of a see/no see evaluation for each potential source of visible emissions. If any visible emissions are present from any point of emission, the permittee shall either take appropriate corrective action as expeditiously as practicable, or perform a Method 9 opacity test in accordance with the procedures outlined in IDAPA 58.01.01.625. A minimum of 30 observations shall be recorded when conducting the opacity test. If opacity is greater than 20% for a period or periods aggregating more than three minutes in any 60-minute period, the permittee shall take all necessary corrective action and report the exceedance in accordance with IDAPA 58.01.01.130-136. The permittee shall maintain records of the results of each visible emission inspection and each opacity test when conducted. The records shall

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include, at a minimum, the date and results of each inspection and test and a description of the following: the permittee's assessment of the conditions existing at the time visible emissions are present (if observed), any corrective action taken in response to the visible emissions, and the date corrective action was taken.

**2.14 Reasonable Control Measures**

The permittee shall conduct a monthly facility-wide inspection of potential sources of fugitive emissions, during daylight hours and under normal operating conditions to ensure that the methods used to reasonably control fugitive emissions are effective. If fugitive emissions are not being reasonably controlled, the permittee shall take corrective action as expeditiously as practicable. The permittee shall maintain records of the results of each fugitive emissions inspection. The records shall include, at a minimum, the date of each inspection and a description of the following: the permittee's assessment of the conditions existing at the time fugitive emissions were present (if observed), any corrective action taken in response to the fugitive emissions, and the date the corrective action was taken.

**2.15 Hot Water Heater Operating Hours Monitoring**

The permittee shall monitor and record the daily (when the facility is operated that day), monthly (when the facility is operated that month), and annual hot water heater operating hours to demonstrate compliance with Permit Condition 2.10. Annual operating hours shall be determined by summing each monthly production total over the previous consecutive 12-calendar month period.

[8/14/09]

**2.16 Hot Water Heater Fuel Monitoring**

The permittee shall maintain documentation of supplier verification of diesel sulfur content on an as-received basis to demonstrate compliance with Permit Condition 2.11.

[8/14/09]

**2.17 Baghouse Monthly Inspection**

The permittee shall maintain records of the results of each baghouse/filter system inspections in accordance with General Provision 7. The records shall include a description of whether visible emissions were present; and if visible emissions were present, a description of the corrective action that was taken.

***PM<sub>10</sub> Nonattainment Area***

**2.18 PM<sub>10</sub> Nonattainment Area Operations**

Under this permit, the permittee shall not relocate and operate this concrete batch plant in any PM<sub>10</sub> nonattainment area. These areas currently include the Pinehurst and Sandpoint PM<sub>10</sub> nonattainment areas. Contact DEQ for current nonattainment area status and more specific details about the nonattainment area boundaries. Should the permittee desire to operate in any PM<sub>10</sub> nonattainment area, the permittee shall submit a PTC application to modify this permit.

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***Reporting Requirements***

**2.19 Relocation**

At least 10 days prior to relocation of any equipment covered by this permit, the permittee shall submit a scaled plot plan and a complete Portable Equipment Relocation Form (PERF) in accordance with IDAPA 58.01.01.500, to the following address or fax number:

Air Quality Program Office – PERF Processing  
Department of Environmental Quality  
1410 N. Hilton  
Boise, ID 83706-1255

Fax to: (208) 373-0340, Attention: Air Quality Program Office – Application Processing

Electronic copies of the PERF may be obtained from DEQ’s website in both pdf and Word® versions at:

[http://www.deq.idaho.gov/air/permits\\_forms/forms/ptc\\_relocation.pdf](http://www.deq.idaho.gov/air/permits_forms/forms/ptc_relocation.pdf), or  
[http://www.deq.idaho.gov/air/permits\\_forms/forms/ptc\\_relocation.doc](http://www.deq.idaho.gov/air/permits_forms/forms/ptc_relocation.doc)

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**3. PERMIT TO CONSTRUCT GENERAL PROVISIONS**

***General Compliance***

1. The permittee has a continuing duty to comply with all terms and conditions of this permit. All emissions authorized herein shall be consistent with the terms and conditions of this permit and the Rules for the Control of Air Pollution in Idaho. The emissions of any pollutant in excess of the limitations specified herein, or noncompliance with any other condition or limitation contained in this permit, shall constitute a violation of this permit and the Rules for the Control of Air Pollution in Idaho, and the Environmental Protection and Health Act, Idaho Code §39-101, et seq.  

**[Idaho Code §39-101, et seq.]**
  
2. The permittee shall at all times (except as provided in the Rules 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 Idaho laws for the control of air pollution.  

**[IDAPA 58.01.01.211, 5/1/94]**
  
3. Nothing in this permit is intended to relieve or exempt the permittee from the responsibility to comply with all applicable local, state, or federal statutes, rules and regulations.  

**[IDAPA 58.01.01.212.01, 5/1/94]**

***Inspection and Entry***

4. Upon presentation of credentials, the permittee shall allow DEQ or an authorized representative of DEQ to do the following:
  - a. Enter upon the permittee's premises where an emissions source is located or emissions related activity is conducted, or where records are kept under conditions of this permit;
  - b. Have access to and copy, at reasonable times, any records that are kept under the conditions of this permit;
  - c. Inspect at reasonable times any facilities, equipment (including monitoring and air pollution control equipment), practices, or operations regulated or required under this permit; and
  - d. As authorized by the Idaho Environmental Protection and Health Act, sample or monitor, at reasonable times, substances or parameters for the purpose of determining or ensuring compliance with this permit or applicable requirements.

**[Idaho Code §39-108]**

***Construction and Operation Notification***

5. The permittee shall furnish DEQ written notifications as follows in accordance with IDAPA 58.01.01.211:
  - a. A notification of the date of initiation of construction, within five working days after occurrence;
  - b. A notification of the date of any suspension of construction, if such suspension lasts for one year or more;
  - c. A notification of the anticipated date of initial start-up of the stationary source or facility not more than sixty days or less than thirty days prior to such date;

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- d. A notification of the actual date of initial start-up of the stationary source or facility within fifteen days after such date; and
- e. A notification of the initial date of achieving the maximum production rate, within five working days after occurrence - production rate and date.

**[IDAPA 58.01.01.211, 5/1/94]**

***Performance Testing***

- 6. If performance testing (air emissions source test) is required by this permit, the permittee shall provide notice of intent to test to DEQ at least 15 days prior to the scheduled test date or shorter time period as approved by DEQ. DEQ may, at its option, have an observer present at any emissions tests conducted on a source. DEQ requests that such testing not be performed on weekends or state holidays.

All performance testing shall be conducted in accordance with the procedures in IDAPA 58.01.01.157. Without prior DEQ approval, any alternative testing is conducted solely at the permittee's risk. If the permittee fails to obtain prior written approval by DEQ for any testing deviations, DEQ may determine that the testing does not satisfy the testing requirements. Therefore, at least 30 days prior to conducting any performance test, the permittee is encouraged to submit a performance test protocol to DEQ for approval. The written protocol shall include a description of the test method(s) to be used, an explanation of any or unusual circumstances regarding the proposed test, and the proposed test schedule for conducting and reporting the test.

Within 30 days following the date in which a performance test required by this permit is concluded, the permittee shall submit to DEQ a performance test report. The written report shall include a description of the process, identification of the test method(s) used, equipment used, all process operating data collected during the test period, and test results, as well as raw test data and associated documentation, including any approved test protocol.

**[IDAPA 58.01.01.157, 4/5/00]**

***Monitoring and Recordkeeping***

- 7. The permittee shall maintain sufficient records to ensure compliance with all of the terms and conditions of this permit. Records of monitoring information shall include, but not be limited to the following: (a) the date, place, and times of sampling or measurements; (b) the date analyses were performed; (c) the company or entity that performed the analyses; (d) the analytical techniques or methods used; (e) the results of such analyses; and (f) the operating conditions existing at the time of sampling or measurement. All monitoring records and support information shall be retained for a period of at least five years from the date of the monitoring sample, measurement, report, or application. Supporting information includes, but is not limited to, all calibration and maintenance records and all original strip-chart recordings for continuous monitoring instrumentation and copies of all reports required by this permit. All records required to be maintained by this permit shall be made available in either hard copy or electronic format to DEQ representatives upon request.

**[IDAPA 58.01.01.211, 5/1/94]**

**AIR QUALITY PERMIT TO CONSTRUCT NUMBER: P-2009.0071**

<b>Permittee:</b>	Masco dba Knife River
<b>Location:</b>	Idaho, Initial location: Boise

**Facility ID No. 777-00386**

***Excess Emissions***

8. The permittee shall comply with the procedures and requirements of IDAPA 58.01.01.130-136 for excess emissions due to startup, shutdown, scheduled maintenance, safety measures, upsets and breakdowns.

**[IDAPA 58.01.01.130-136, 4/5/00]**

***Certification***

9. All documents submitted to DEQ, including, but not limited to, records, monitoring data, supporting information, requests for confidential treatment, testing reports, or compliance certification shall contain a certification by a responsible official. The certification shall state that, based on information and belief formed after reasonable inquiry, the statements and information in the document(s) are true, accurate, and complete.

**[IDAPA 58.01.01.123, 5/1/94]**

***False Statements***

10. No person shall knowingly make any false statement, representation, or certification in any form, notice, or report required under this permit, or any applicable rule or order in force pursuant thereto.

**[IDAPA 58.01.01.125, 3/23/98]**

***Tampering***

11. No person shall knowingly render inaccurate any monitoring device or method required under this permit or any applicable rule or order in force pursuant thereto.

**[IDAPA 58.01.01.126, 3/23/98]**

***Transferability***

12. This permit is transferable in accordance with procedures listed in IDAPA 58.01.01.209.06.

**[IDAPA 58.01.01.209.06, 4/11/06]**

***Severability***

13. The provisions of this permit are severable, and if any provision of this permit to any circumstance is held invalid, the application of such provision to other circumstances, and the remainder of this permit, shall not be affected thereby.

**[IDAPA 58.01.01.322.15.h, 5/1/94; 40 CFR 70.6(a)(5)]**