



COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
AIR QUALITY PROGRAM

TITLE V/STATE OPERATING PERMIT

Issue Date: July 11, 2016
Revision Date: September 9, 2019
Revision Type: Modification

Effective Date: ~~September 9, 2019~~
Expiration Date: [REDACTED]

In accordance with the provisions of the Air Pollution Control Act, the Act of January 8, 1960, P.L. 2119, as amended, and 25 Pa. Code Chapter 127, the Owner, [and Operator if noted] (hereinafter referred to as permittee) identified below is authorized by the Department of Environmental Protection (Department) to operate the air emission source(s) more fully described in this permit. This Facility is subject to all terms and conditions specified in this permit. Nothing in this permit relieves the permittee from its obligations to comply with all applicable Federal, State and Local laws and regulations.

The regulatory or statutory authority for each permit condition is set forth in brackets. All terms and conditions in this permit are federally enforceable applicable requirements unless otherwise designated as "State-Only" or "non-applicable" requirements.

TITLE V Permit No: 36-05014

Federal Tax Id - Plant Code: 13-2605835-2

Owner Information	
Name: ALUMAX MILL PRODUCTS Mailing Address: 1480 MANHEIM PIKE LANCASTER, PA 17601-3152	
Plant Information	
Plant: ALUMAX MILL PROD INC/MILL PROD Location: 36 Lancaster County 36937 Manheim Township SIC Code: 3355 Manufacturing - Aluminum Rolling And Drawing, Nec	
Responsible Official	
Name: JOHN A NIED Title: DIR OF OPR Phone (717) 207 - 1579	
Permit Contact Person	
Name: JOSEPH C BROZONIS Title: ENVIRONMENTAL ENGINEER Phone: (717) 207 - 1549	
[Signature] <u>William R. Weaver</u> WILLIAM R. WEAVER, SOUTHCENTRAL REGION AIR PROGRAM MANAGER	



Pages 2-184, and 188-198 are redacted entirely.

**SECTION E Source Group Restrictions.**

Group Name: GROUP 015

Group Description: §§129.96 - 129.100 - RACT II Case-by-Case Requirements

Sources included in this group

RACT 2 SIP Provisions from Title V Permit No.
36-05014 Significant Modification issued
09-09-19 (pages 185-187 of permit)

ID	Name
122	COLD ROLLING MILL - BLISS 2
123	COLD ROLLING MILL - TANDEM
124	COLD ROLLING MILL - LT GAUGE
125	HOT ROLLING MILL - 72"
133	NO. 5 MELTING FURNACE
134	NO. 6 MELTING FURNACE
137	NO. 7 MELTING FURNACE
139	NO. 8 MELTING FURNACE
143	NO. 9 MELTING FURNACE
144	NO. 10 MELTING FURNACE
147	HOT ROLLING MILL - 80"
149B	NO. 10 SLAB FURNACE
149C	NO. 11 SLAB FURNACE
149D	NO. 12 SLAB FURNACE
149E	NO. 13 SLAB FURNACE
149F	NO. 14 SLAB FURNACE
149G	NO. 15 SLAB FURNACE
149H	NO. 16 SLAB FURNACE
149I	NO. 17 SLAB FURNACE
161	72" HUNTER COLD ROLLING MILL

**SECTION E. Source Group Restrictions.****VII. ADDITIONAL REQUIREMENTS.**

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Operating permit terms and conditions.

(a) Pursuant to 25 Pa Code §129.99(d), the permittee shall:

(1) For Source IDs 133, 134, 137, 139, 143, 144:

(i) Install, maintain and operate the sources in accordance with the manufacturer's specifications and with good operating practices

(ii) Maintain & continue use of Low NOx Burners (LNBs) on 143 & 144

(iii) Inspect the combustion systems/burners – Every 18 to 24 months, unless otherwise approved by DEP in writing

(iv) Inspect the furnace door seals/insulation – Every 18 to 24 months, unless otherwise approved by DEP in writing

(v) Maintain records of the combustion system/burner & furnace door seals/insulation inspections

(2) For Source IDs 149B, 149C, 149D, 149E, 149F, 149G, 149H, 149I:

(i) Install, maintain and operate the sources in accordance with the manufacturer's specifications and with good operating practices

(ii) Maintain & continue use of LNBs

(iii) Inspect the combustion systems/burners – Every 12 to 18 months, unless otherwise approved by DEP in writing

(iv) Inspect the furnace door seals/insulation – Every 12 to 18 months, unless otherwise approved by DEP in writing

(v) Maintain records of the combustion system/burner & furnace door seals/insulation inspections

(3) For Source IDs 122, 123, 124, 161:

(i) Install, maintain and operate the sources in accordance with the manufacturer's specifications and with good operating practices

(ii) The as-applied initial boiling point for the cold rolling mill lubricants shall be a minimum of 400 F.

(iii) Cold rolling mill sump oil temperatures shall be maintained below 155 F. Permanent instrumentation shall be provided to verify compliance with this provision.

(iv) Perform a periodic analysis of coolant package to assess conditions and evaluate excessive degradation or out-of-range specifications for key coolant properties – Weekly

(v) Monitor and record the cold mill sump oil temperature – Hourly

(vi) The permittee shall record the following:

(A) Identification of each lubricant

(B) Pounds of VOC per gallon

(C) Percent VOC per gallon

(D) Percent water per gallon

(E) Gallons per quarter of each lubricant used

(F) The results from the weekly coolant package analysis

(4) For Source IDs 125, 147:

(i) Install, maintain and operate the sources in accordance with the manufacturer's specifications and with good

**SECTION E. Source Group Restrictions.**

operating practices

- (ii) Hot rolling mill emulsion lubricants shall contain at least 90% water by weight.
 - (iii) The hot rolling mill emulsion lubricants shall be applied at a maximum temperature of 200 °F, as measured at the spray inlet. The company shall provide instrumentation to verify compliance with this provision.
 - (iv) Perform a periodic analysis to determine the water content of the hot mill emulsion lubricant/coolants – Weekly
 - (v) Monitor and record the temperature of the lubricants/coolants at the spray inlet – Hourly
 - (vi) The permittee shall record the following:
 - (A) Identification of each lubricant
 - (B) Pounds of VOC per gallon
 - (C) Percent VOC per gallon
 - (D) Percent water per gallon
 - (E) Gallons per quarter of each lubricant used
 - (F) The water content analysis results of the hot mill lubricant/coolants
 - (b) In accordance with 25 Pa. Code §129.100(i), all records shall be retained by the owner or operator for 5 years and made available to the Department or appropriate approved local air pollution control agency upon receipt of a written request from the Department or appropriate approved local air pollution control agency.
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