



**UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION 5
77 WEST JACKSON BOULEVARD
CHICAGO, ILLINOIS 60604**

DATE: FEB 12 2019

SUBJECT: CLEAN AIR ACT INSPECTION REPORT
Nikkei MC Aluminum America, Inc., Columbus, Indiana

FROM: Luke Hullinger, Environmental Engineer
AECAB (MI/WI)

THRU: Sarah Marshall, Section Chief
AECAB (MI/WI)

TO: File

BASIC INFORMATION

Facility Name: Nikkei MC Aluminum America, Inc.

Facility Location: 6875 Inwood Drive, Columbus, Indiana

Date of Inspection: 12/11/2018

EPA Inspector(s):

1. Luke Hullinger, Environmental Engineer

Other Attendees

1. Van Anthony, Plant Manager, Nikkei
2. Dean Trapp, General Manager, Nikkei

Contact Email Address: vana@nmaluminum.net

Purpose of Inspection: Follow up on improvements made to the capture and collection

Facility Type: Secondary Aluminium Recycling

Regulations Central to Inspection: 40 CFR Part 63, Subpart RRR

Arrival Time: 1:10 PM

Departure Time: 3:10 PM

Inspection Type:

- ☐ Unannounced Inspection
- ☒ Announced Inspection

OPENING CONFERENCE

- ☒ Credentials Presented
- ☒ CBI warning to facility provided

The following information was obtained verbally from Van Anthony unless otherwise noted.

Process Description:

Metals, mainly aluminum, are received by truck in chip and scrap form. The aluminum is stored in compartments around the facility. The aluminum chips are loaded onto a conveyor belt, have impurities magnetically removed, are sent through one of two chip dryers and melted in the A Furnace. This process is continuous; 24 hours a day. The other aluminum scrap has lead and steel impurities removed by employees and then are loaded by fork lift into either the B Furnace or C Furnace. These processes are batch processes. After melting, the aluminum is poured into ingots and then shipped to customers.

Staff Interview: Since the last EPA inspection on February 15, 2017 Nikkei has installed automated damper systems, automated smoked doors, and implemented an according standard of procedure for the melting processes in the batch melting furnaces at the facility. Nikkei has also installed improved smoke curtains at the continuous melting furnace.

TOUR INFORMATION

EPA toured the facility: Yes

Data Collected and Observations:

EPA made observations of the fume hood capture and collection systems for the aluminum melting furnaces at the facility

Photos and/or Videos: were taken during the inspection.

Appendix A

Field Measurements: were not taken during this inspection.

CLOSING CONFERENCE

EPA noted that the concerns/problems observed at previous inspections were not observed during this inspection and appeared to be adequately remedied.

SIGNATURES

Report Author: Luke Hillyard Date: 2/12/19

Section Chief: [Signature] Date: 2/12/19

Facility Name: Nikkei MC Aluminum America, Inc.
Facility Location: 6875 Inwood Drive, Columbus, Indiana
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APPENDICES AND ATTACHMENTS

1. Appendix A – Photo and video log

Facility Name: Nikkei MC Aluminum America, Inc.
Facility Location: 6875 Inwood Drive, Columbus, Indiana
Date of Inspection: 12/11/2018

APPENDIX A: DIGITAL IMAGE LOG

1. Inspector Name: Luke Hullinger	2. Date(s) of Inspection: 12/11/2018
3. Company/Facility Name: Nikkei MC Aluminum America, Inc.	4. Street Address, City, State: 6875 Inwood Drive, Columbus, Indiana
5. Number of Images: 6	6. Archival Record Location: C:\Users\Lhulling\OneDrive - Environmental Protection Agency (EPA)\Nikkei MC Aluminum\12-11-13 Inspection pics and vids

1.

Image Number	File Name	Date	Description of Image
1	PC110004.JPG	12/11/2018	Furnace C
2	PC110005.JPG	12/11/2018	Furnace B

2.

Video Number	File Name	Date	Description of Image
1	PC110001.JPG	12/11/2018	Furnace C
2	PC110002.JPG	12/11/2018	Furnace A
3	PC110003.JPG	12/11/2018	Furnace B
4	PC110006.JPG	12/11/2018	Furnace B

