

Tracy
 PD15-005
 011-00007



WEST VIRGINIA
 DEPARTMENT OF ENVIRONMENTAL PROTECTION
 DIVISION OF AIR QUALITY
 601 57th Street, SE
 Charleston, WV 25304
 Phone: (304) 926-0475
 www.dep.wv.gov/daq

**PERMIT DETERMINATION FORM
 (PDF)**

FOR AGENCY USE ONLY: PLANT I.D. # _____
 PDF # _____ PERMIT WRITER: _____

1. NAME OF APPLICANT (AS REGISTERED WITH THE WV SECRETARY OF STATE'S OFFICE):

Huntington Alloys

2. NAME OF FACILITY (IF DIFFERENT FROM ABOVE):

JAN 20 2015

3. NORTH AMERICAN INDUSTRY CLASSIFICATION SYSTEM (NAICS) CODE:

331491

4A. MAILING ADDRESS:

3200 Riverside Drive Huntington, WV 25705

4B. PHYSICAL ADDRESS:

3200 Riverside Drive Huntington, WV 25705

5A. DIRECTIONS TO FACILITY (PLEASE PROVIDE MAP AS ATTACHMENT A): From Charleston, WV merge onto I-64 W/I-77N. continue to follow Interstate 64 W/Huntington. Take exit 15 merge onto US-60/Midland Trail. Turn right on 5th Street. Take the 1st left onto Riverside Drive.

5B. NEAREST ROAD:

Riverside Drive and US 60

5C. NEAREST CITY OR TOWN:

Huntington

5D. COUNTY: Cabell

5E. UTM NORTHING (KM):

4252.30

5F. UTM EASTING (KM):

379.2

5G. UTM ZONE:

17

6A. INDIVIDUAL TO CONTACT IF MORE INFORMATION IS REQUIRED:

Tom Bell

6B. TITLE:

Environmental Mgr.

6C. TELEPHONE:

304-526-5259

6D. FAX:

304-526-5437

6E. E-MAIL:

tbell@specialmetals.com

7A. DAQ PLANT I.D. NO. (FOR AN EXISTING FACILITY ONLY):

011- 00007

7B. PLEASE LIST ALL CURRENT 45CSR13, 45CSR14, 45CSR19 AND/OR TITLE V (45CSR30) PERMIT NUMBERS ASSOCIATED WITH THIS PROCESS (FOR AN EXISTING FACILITY ONLY):

R30-01100007-2013

7C. IS THIS PDF BEING SUBMITTED AS THE RESULT OF AN ENFORCEMENT ACTION? IF YES, PLEASE LIST:

8A. TYPE OF EMISSION SOURCE (CHECK ONE):

NEW SOURCE ADMINISTRATIVE UPDATE

MODIFICATION OTHER (PLEASE EXPLAIN IN 11B)

8B. IF ADMINISTRATIVE UPDATE, DOES DAQ HAVE THE APPLICANT'S CONSENT TO UPDATE THE EXISTING PERMIT WITH THE INFORMATION CONTAINED HEREIN?

YES NO

9. IS DEMOLITION OR PHYSICAL RENOVATION AT AN EXISTING FACILITY INVOLVED?

YES NO

10A. DATE OF ANTICIPATED INSTALLATION OR CHANGE:

02/01/2015

10B. DATE OF ANTICIPATED START-UP:

03/30/2015

11A. PLEASE PROVIDE A DETAILED PROCESS FLOW DIAGRAM SHOWING EACH PROPOSED OR MODIFIED PROCESS EMISSION POINT AS ATTACHMENT B.

11B. PLEASE PROVIDE A DETAILED PROCESS DESCRIPTION AS ATTACHMENT C.

12. PLEASE PROVIDE MATERIAL SAFETY DATA SHEETS (MSDS) FOR ALL MATERIALS PROCESSED, USED OR PRODUCED AS ATTACHMENT D. FOR CHEMICAL PROCESSES, PLEASE PROVIDE A MSDS FOR EACH COMPOUND EMITTED TO AIR. N/A

13A. REGULATED AIR POLLUTANT EMISSIONS:

⇒ FOR A NEW FACILITY, PLEASE PROVIDE PLANT WIDE EMISSIONS BASED ON THE POTENTIAL TO EMIT (PTE) FOR THE FOLLOWING AIR POLLUTANTS INCLUDING ALL PROCESSES.

⇒ FOR AN EXISTING FACILITY, PLEASE PROVIDE THE PROPOSED CHANGE IN EMISSIONS BASED ON THE PTE OF ALL PROCESS CHANGES FOR THE FOLLOWING AIR POLLUTANTS.

PTE FOR A GIVEN POLLUTANT IS TYPICALLY BEFORE AIR POLLUTION CONTROL DEVICES AND IS COLLECTED BASED ON THE MAXIMUM DESIGN CAPACITY OF PROCESS EQUIPMENT.

POLLUTANT	HOURLY PTE (LB/HR)	YEARLY PTE (TON/YR) (HOURLY PTE MULTIPLIED BY 8760 HR/YR) DIVIDED BY 2000 LB/TON
PM		
PM ₁₀		
VOCs		
CO		
NO _x		
SO ₂		
Pb		
HAPs (AGGREGATE AMOUNT)		
TAPs (INDIVIDUALLY)*		
OTHER (INDIVIDUALLY)*		

* ATTACH ADDITIONAL PAGES AS NEEDED

13B. PLEASE PROVIDE ALL SUPPORTING CALCULATIONS AS ATTACHMENT E. N/A

CALCULATE AN HOURLY AND YEARLY PTE OF EACH PROCESS EMISSION POINT (SHOWN IN YOUR DETAILED PROCESS FLOW DIAGRAM) FOR ALL AIR POLLUTANTS LISTED ABOVE INCLUDING INDIVIDUAL HAP'S (LISTED IN SECTION 112[b] OF THE 1990 CAAA), TAP'S (LISTED IN 45CSR27), AND OTHER AIR POLLUTANTS (E.G. POLLUTANTS LISTED IN TABLE 45-13A OF 45CSR13, MINERAL ACIDS PER 45CSR7, ETC.).

14. CERTIFICATION OF DATA

I, DARRIN BIRD (TYPE NAME) ATTEST THAT ALL THE REPRESENTATIONS CONTAINED IN THIS APPLICATION, OR APPENDED HERETO, ARE TRUE, ACCURATE, AND COMPLETE TO THE BEST OF MY KNOWLEDGE BASED ON INFORMATION AND BELIEF AFTER REASONABLE INQUIRY, AND THAT I AM A **RESPONSIBLE OFFICIAL**** (PRESIDENT, VICE PRESIDENT, SECRETARY OR TREASURER, GENERAL PARTNER OR SOLE PROPRIETOR) OF THE APPLICANT.

SIGNATURE OF RESPONSIBLE OFFICIAL: 

TITLE: PLANT DIRECTOR

DATE: 1 / 14 / 15

** THE DEFINITION OF THE PHRASE 'RESPONSIBLE OFFICIAL' CAN BE FOUND AT 45CSR13, SECTION 2.23.

NOTE: PLEASE CHECK ENCLOSED ATTACHMENTS:

ATTACHMENT A ATTACHMENT B ATTACHMENT C ATTACHMENT D ATTACHMENT E

RECORDS ON ALL CHANGES ARE REQUIRED TO BE KEPT AND MAINTAINED ON-SITE FOR TWO (2) YEARS.

THE PERMIT DETERMINATION FORM WITH THE INSTRUCTIONS CAN BE FOUND ON DAQ'S PERMITTING SECTION WEB SITE:

www.dep.wv.gov/daq

ATTACHMENT A



Directions from 57th St SE to 3200 Riverside Dr

o 57th St SE

Charleston, WV 25304

Get on **I-64 W/I-77 N** from **Chesterfield Ave** and **Maccorkle Ave SE**

2.6 mi / 6 min

- 1. Head northwest on **Chesterfield Ave** toward **Lower Donnally Rd** 0.7 mi
- 2. Take the 1st right onto **50th St SE** 0.2 mi
- 3. Turn left onto **Maccorkle Ave SE** 1.2 mi
- 4. Turn right onto **36th St SE** 0.2 mi
- 5. Continue onto **36th St Southeast Bridge** 0.2 mi
- 6. Take the ramp onto **I-64 W/I-77 N** 0.1 mi

Follow **I-64 W** to **US-60 W/Midland Trail** in **Barboursville**. Take exit **15** from **I-64 W**

46.9 mi / 41 min

- 7. Merge onto **I-64 W/I-77 N** 2.5 mi
- 8. Keep left at the fork to continue on **I-64 W**, follow signs for **Interstate 64 W/Huntington** 44.0 mi
- 9. Take exit **15** to merge onto **US-60 W/Midland Trail** 0.4 mi

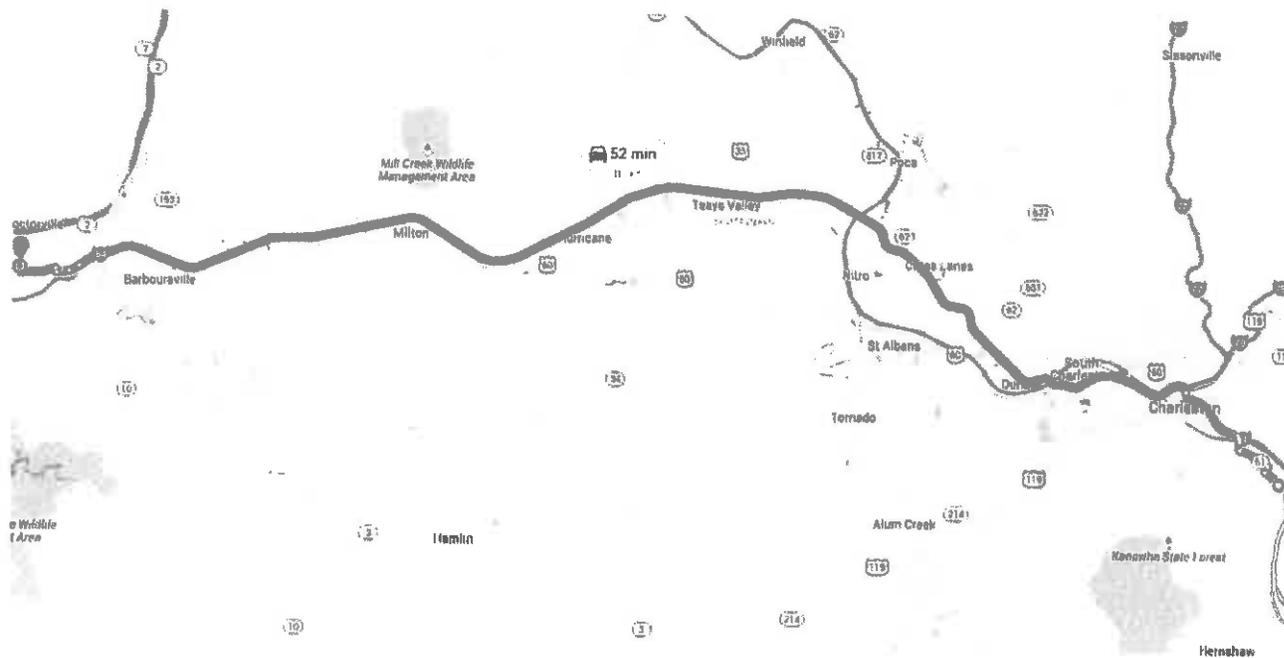
Drive to **Riverside Dr** in 3

1.9 mi / 4 min

- 10. Merge onto **US-60 W/Midland Trail** 0.5 mi
- 11. Turn right onto **5th St** 0.2 mi
- 12. Take the 1st left onto **Riverside Dr** 1.2 mi
 Destination will be on the right



Directions from 57th St SE to 3200 Riverside Dr



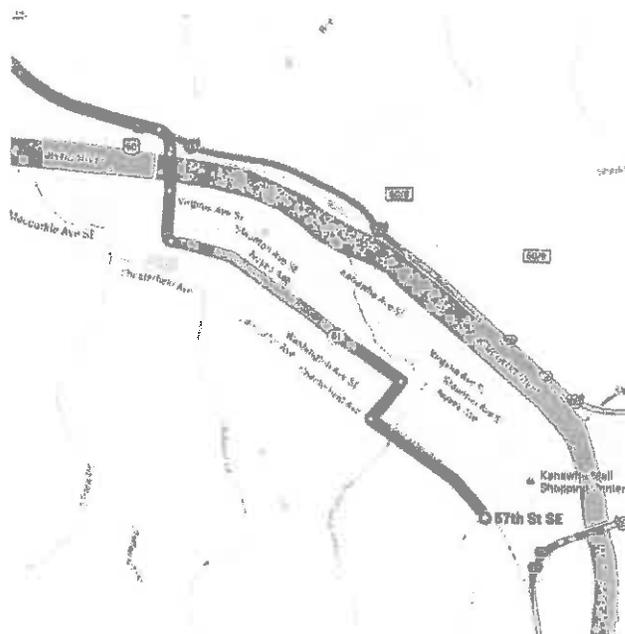
○ 57th St SE

Charleston, WV 25304

Get on I-64 W/I-77 N from Chesterfield Ave and Maccorkle Ave SE

2.6 mi / 6 min

- ↑ 1. Head northwest on Chesterfield Ave toward Lower Donnally Rd 0.7 mi
- ↗ 2. Take the 1st right onto 50th St SE 0.2 mi
- ↖ 3. Turn left onto Maccorkle Ave SE 1.2 mi
- ↗ 4. Turn right onto 36th St SE 0.2 mi
- ↑ 5. Continue onto 36th St Southeast Bridge 0.2 mi
- ⤴ 6. Take the ramp onto I-64 W/I-77 N 0.1 mi



Follow I-64 W to US-60 W/Midland Trail in Barboursville. Take exit 15 from I-64 W



ATTACHMENT B



ATTACHMENT C

The following equipment will be installed as part of the Hot Band Project in the PMD:

Upcoiler

MFG: SMS-Siemag

Purpose: To take flat alloy strip from our hot reversing strip mill and wrapped around a mandrel to form in into a coil (like a paper towel roll).

It will produce no emissions.

X-Ray Gauge

MFG: Global Gauge

Purpose: Measure the thickness of the alloy strip.

It will produce no emissions.

Roll Grinder

MFG: Herkules

Purpose: Grind the surface of the rolling mill roll to the desired size, quality and contour. Grinding is done with a water based coolant.

It will produce no emissions.

Laminar Cooling System

MFG: Special Metals

Purpose: To cool the hot alloy strip to the desired temperature by means of water spray heads. This is a closed loop system in which water is contained in wells outside the building and circulated to the spray heads, returned through a flume in the floor and pump over a cooling tower.

It will produce no emissions.