

## Emission Summary

Permit Number: 957136P

Source Status: New ☒ Modification ☐ Expansion ☐ Relocation ☐

Permit Status: New ☒ Renewal ☐

PSD ☐ NSPS ☐ NESHAPs ☐

Previous Permit Number: Construction

Operating

g

	Pounds/Hour			Tons/Year				Date of Data	*	Applicable Standard 1200-3-
	Actual	Potential	Allowable	Actual	Potential	Allowable	Net Change			
TSP	0.1	0.9	5.4	0.2	3.7	5.4				7-.04(2)
SO <sub>2</sub>										
CO										
VOC										
NO <sub>x</sub>										

\* - Source of data

PERMITTING PROGRAM: TJB DATE: April 13, 2004

# CONSTRUCTION PERMIT SUMMARY REPORT

Company Name: Heraeus Metal Processing, Inc. File Number: 65-0049 EPS Initials: TJB  
Permit Number(s): 957136P Source Point Number(s): 02  
Application Received (date): February 18, 2004 Application Complete (date): March 15, 2004  
Air Quality Analysis Performed? Yes ☐ No ☒

Briefly describe the project: (new source, modifications) (what the process is) (type controls proposed) (emissions expected, qualitative) (replacing what sources) (background information)

This facility recovers precious metals (silver, gold, platinum, palladium) from industrial scrap. This source includes a pan dumping operation and one ball mill for size reduction of the ash. A baghouse is used for control of particulate emissions, and the facility is required to demonstrate compliance through source testing and pressure drop monitoring.

This facility is considered to be a conditional major source for particulate matter and VOC. Heraeus has requested to opt out of the Title V program and to apply for a Conditional Major operating permit. However, the applicability of CISWI NSPS/EG rules is under review by EPA. EPA is also expected to propose a MACT standard for boilers and industrial furnaces that combust hazardous waste. If the final NSPS or MACT requirements are found to apply to this source, the facility may need to apply for a Title V permit.

## Rules Analysis

Title V ☐ Cond. Major ☒ Minor ☐ Source category listed in 1200-3-9-.01(4)(b)1.(i)? Yes ☐ No ☒

Reason for PSD:	New source above ____ TPY	<input type="checkbox"/>	Sig. increase in ____ emissions	<input type="checkbox"/>	N/A <input checked="" type="checkbox"/>
Applicable NSPS:	40 CFR Part 60, Subpart ____	<input type="checkbox"/>	State Rule 1200-3-16-. ____	<input type="checkbox"/>	N/A <input checked="" type="checkbox"/>
Applicable NESHAP:	40 CFR Part 61, Subpart ____	<input type="checkbox"/>	State Rule 1200-3-11-. ____	<input type="checkbox"/>	N/A <input checked="" type="checkbox"/>
Applicable NESHAP:	40 CFR Part 63, Subpart ____	<input type="checkbox"/>	State Rule 1200-3-31-. ____	<input type="checkbox"/>	N/A <input checked="" type="checkbox"/>

### Other Applicable State Rules

TSP Emissions:	1200-3-	<u>7</u>	-.	<u>04(2)</u>	<input checked="" type="checkbox"/>	N/A <input type="checkbox"/>	NO <sub>x</sub> Emissions:	1200-3-	____	-.	____	<input type="checkbox"/>	N/A <input checked="" type="checkbox"/>
SO <sub>2</sub> Emissions:	1200-3-	____	-.	____	<input type="checkbox"/>	N/A <input checked="" type="checkbox"/>	Lead Emissions:	1200-3-	____	-.	____	<input type="checkbox"/>	N/A <input checked="" type="checkbox"/>
CO Emissions:	1200-3-	____	-.	____	<input type="checkbox"/>	N/A <input checked="" type="checkbox"/>	____ Emissions:	1200-3-	____	-.	____	<input type="checkbox"/>	N/A <input checked="" type="checkbox"/>
VOC Emissions:	1200-3-	____	-.	____	<input type="checkbox"/>	N/A <input checked="" type="checkbox"/>	____ Emissions:	1200-3-	____	-.	____	<input type="checkbox"/>	N/A <input checked="" type="checkbox"/>

Visible Emissions from	Source	not to exceed	20	% opacity per Method	9	(Rule 1200-3- 5 -. .01(1) )
						<u>.03(6)</u>
Visible Emissions from		not to exceed		% opacity per Method		(Rule 1200-3- ____ -. ____)
Visible Emissions from		not to exceed		% opacity per Method		(Rule 1200-3- ____ -. ____)