

11. If confidential information is being submitted in this application, were the guidelines followed in the “Procedures for Requesting that Submitted Information be treated as Confidential”?

No Yes

12. New Facility Emissions Summary

Criteria Pollutant	New Facility (Furnace 2)	
	Potential (tpy)	Actual (tpy)
Carbon monoxide (CO)	43.90	
Nitrogen oxides (NOx)	148.61	
Particulate Matter (PM) (filterable only)	34.57	
PM <10 microns (PM10)	54.50	
PM <2.5 microns (PM2.5)	54.50	
Sulfur dioxide (SO ₂)	91.49	
Volatile Organic Compounds (VOC)	42.77	
Greenhouse Gases (GHGs) (in CO ₂ e)	107,793	
Ammonia	1.45	
Total Hazardous Air Pollutants (HAPs)	6.20	
Individual HAPs Listed Below:		
Lead	0.30	
HF	1.49	
HCl	2.99	

13. Existing Facility Emissions Summary

Criteria Pollutant	Current Facility (Furnace 1)		After Modification (F1+F2)	
	Potential (tpy)	Actual (tpy)	Potential (tpy)	Actual (tpy)
Carbon monoxide (CO)	71.66		115.56	
Nitrogen oxides (NOx)	100.77		249.38	
Particulate Matter (PM) (filterable only)	21.85		56.42	
PM <10 microns (PM10)	30.89		85.40	
PM <2.5 microns (PM2.5)	30.89		85.40	
Sulfur dioxide (SO ₂)	95.36		186.85	
Volatile Organic Compounds (VOC)	31.95		74.73	
Greenhouse Gases (GHGs) (in CO ₂ e)	70,007		177,801	
Total Hazardous Air Pollutants (HAPs)	4.57		10.77	
Ammonia	N/A		1.45	
Individual HAPs Listed Below:				
Lead	0.23		0.53	