



2023 CONTAMINANT SUMMARY REPORT

June 28, 2024

3:57 pm

CN : CN600129001

Organization : STRUCTURAL METALS INC

RN : RN102413689

Account : GL0028H

Site : FURNACE & STEEL MILL

Last EI Date : 12/31/2023

CRITERIA EMISSIONS TOTALS

Pollutant Class	Annual (TPY)	Ozone (PPD)	SMSS (TPY)	Emiss Event (TPY)	EE/SMSS (TPY)
PM2.5	53.8944	342.0424	0.0000	0.0000	0.0000
VOC	111.6765	709.4428	0.0000	0.0000	0.0000
CO	379.8076	2410.8519	0.0000	0.0000	0.0000
NOX	104.6490	664.7170	0.0000	0.0000	0.0000
SO2	59.9549	380.4261	0.0000	0.0000	0.0000
PB	0.0943	0.6180	0.0000	0.0000	0.0000
PM10	73.6461	468.9327	0.0000	0.0000	0.0000

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Contam	Contam Name	Annual (TPY)	Ozone (PPD)	SMSS (TPY)	Emiss Event (TPY)	EE/SMSS (TPY)
10000	PART-U	72.9640	463.5700	0.0000	0.0000	0.0000
14023	ANTIMONY AND COMPOUNDS	0.0210	0.1200	0.0000	0.0000	0.0000
14030	ARSENIC - AS	0.0070	0.0400	0.0000	0.0000	0.0000
14036	ARSENIC AND COMPOUNDS	0.0140	0.0800	0.0000	0.0000	0.0000
14050	BARIUM - BA	0.3000	1.8600	0.0000	0.0000	0.0000
14051	BARIUM COMPOUNDS	0.0140	0.0900	0.0000	0.0000	0.0000
14071	BERYLLIUM AND COMPOUNDS	0.0210	0.1200	0.0000	0.0000	0.0000
14110	CADMIUM-CD	0.0270	0.1419	0.0000	0.0000	0.0000
14160	CHROMIUM-CR	0.0587	0.3700	0.0000	0.0000	0.0000
14190	COPPER-CU	0.0600	0.4400	0.0000	0.0000	0.0000
14300	IRON-FE	1.0000	6.3000	0.0000	0.0000	0.0000
14306	IRON 2 OXIDE - FEO	5.1000	33.2000	0.0000	0.0000	0.0000
14310	LEAD-PB	0.0943	0.6180	0.0000	0.0000	0.0000
14350	MANGANESE-MN	0.4600	2.9300	0.0000	0.0000	0.0000
14360	MERCURY-HG	0.0106	0.0630	0.0000	0.0000	0.0000
14390	NICKEL-NI	0.1200	0.7300	0.0000	0.0000	0.0000
14391	NICKEL AND COMPOUNDS	0.0070	0.0400	0.0000	0.0000	0.0000
14595	SELENIUM AND COMPOUNDS	0.0210	0.1200	0.0000	0.0000	0.0000
14601	SILICA OXIDE	0.1070	0.6900	0.0000	0.0000	0.0000
14611	SILVER COMPOUNDS	0.0210	0.1200	0.0000	0.0000	0.0000
14690	TELLURIUM-TE	0.0070	0.0400	0.0000	0.0000	0.0000
14701	THALLIUM COMPOUNDS	0.0210	0.1200	0.0000	0.0000	0.0000
14760	VANADIUM	0.0210	0.1200	0.0000	0.0000	0.0000
14780	ZINC-ZN	2.3430	15.1000	0.0000	0.0000	0.0000
14785	ZINC COMPOUNDS	1.8000	11.6000	0.0000	0.0000	0.0000
20000	PM10 PART-U	63.9480	406.4700	0.0000	0.0000	0.0000
24023	PM10 ANTIMONY AND COMPOUNDS	0.0210	0.1200	0.0000	0.0000	0.0000
24030	PM10 ARSENIC - AS	0.0070	0.0400	0.0000	0.0000	0.0000



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Contam	Contam Name	Annual (TPY)	Ozone (PPD)	SMSS (TPY)	Emiss Event (TPY)	EE/SMSS (TPY)
24036	PM10 ARSENIC AND COMPOUNDS	0.0140	0.0800	0.0000	0.0000	0.0000
24050	PM10 BARIUM - BA	0.3000	1.8600	0.0000	0.0000	0.0000
24051	PM10 BARIUM COMPOUNDS	0.0140	0.0900	0.0000	0.0000	0.0000
24071	PM10 BERYLLIUM COMPOUNDS	0.0210	0.1200	0.0000	0.0000	0.0000
24110	PM10 CADMIUM-CD	0.0210	0.1200	0.0000	0.0000	0.0000
24160	PM10 CHROMIUM-CR	0.0540	0.3400	0.0000	0.0000	0.0000
24190	PM10 COPPER-CU	0.0600	0.4400	0.0000	0.0000	0.0000
24300	PM10 IRON-FE	1.0000	6.3000	0.0000	0.0000	0.0000
24306	PM10 IRON 2 OXIDE - FEO	5.1000	33.2000	0.0000	0.0000	0.0000
24310	PM10 LEAD-PB	0.0900	0.5900	0.0000	0.0000	0.0000
24350	PM10 MANGANESE-MN	0.4600	2.9000	0.0000	0.0000	0.0000
24360	PM10 MERCURY-HG	0.0074	0.0427	0.0000	0.0000	0.0000
24390	PM10 NICKEL-NI	0.1200	0.7300	0.0000	0.0000	0.0000
24391	PM10 NICKEL AND COMPOUNDS	0.0070	0.0400	0.0000	0.0000	0.0000
24595	PM10 SELENIUM AND COMPOUNDS	0.0210	0.1200	0.0000	0.0000	0.0000
24601	PM10 SILICA OXIDE	0.0670	0.4300	0.0000	0.0000	0.0000
24611	PM10 SILVER COMPOUNDS	0.0147	0.1200	0.0000	0.0000	0.0000
24690	PM10 TELLURIUM-TE	0.0070	0.0400	0.0000	0.0000	0.0000
24701	PM10 THALLIUM COMPOUNDS	0.0210	0.1200	0.0000	0.0000	0.0000
24760	PM10 VANADIUM	0.0210	0.1200	0.0000	0.0000	0.0000
24780	PM10 ZINC-ZN	0.4500	2.9000	0.0000	0.0000	0.0000
24785	PM10 ZINC COMPOUNDS	1.8000	11.6000	0.0000	0.0000	0.0000
39999	TOTAL PM2.5 PARTICULATE	53.8944	342.0424	0.0000	0.0000	0.0000
50001	VOC-UNCLASSIFIED	107.9994	686.1624	0.0000	0.0000	0.0000
51530	METHANOL	0.0300	0.1900	0.0000	0.0000	0.0000
52261	MODIFIED VEGETABLE OILS	0.0000	0.0000	0.0000	0.0000	0.0000
52420	BENZENE	3.1971	20.2404	0.0000	0.0000	0.0000
52490	TOLUENE	0.4000	2.5000	0.0000	0.0000	0.0000
52510	XYLENE-U	0.0000	0.0000	0.0000	0.0000	0.0000
54020	ACETONE	0.0600	0.3900	0.0000	0.0000	0.0000
54070	METHYL ISOBUTYL KETONE	0.0500	0.3500	0.0000	0.0000	0.0000
59002	DISTILLATE	0.0000	0.0000	0.0000	0.0000	0.0000
59007	LUBRICATING OIL	0.0000	0.0000	0.0000	0.0000	0.0000
59360	STODDARD SOLVENT	0.0000	0.0000	0.0000	0.0000	0.0000
70400	NITROGEN OXIDES	104.6490	664.7170	0.0000	0.0000	0.0000
70510	SULFUR DIOXIDE	59.9549	380.4261	0.0000	0.0000	0.0000
90300	CARBON MONOXIDE	379.8076	2410.8519	0.0000	0.0000	0.0000



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14030	ARSENIC - AS	0.0070	0.0400	0.0000	0.0000	0.0000
14036	ARSENIC AND COMPOUNDS	0.0140	0.0800	0.0000	0.0000	0.0000
14071	BERYLLIUM AND COMPOUNDS	0.0210	0.1200	0.0000	0.0000	0.0000
14110	CADMIUM-CD	0.0270	0.1419	0.0000	0.0000	0.0000
14160	CHROMIUM-CR	0.0587	0.3700	0.0000	0.0000	0.0000
14310	LEAD-PB	0.0943	0.6180	0.0000	0.0000	0.0000
14350	MANGANESE-MN	0.4600	2.9300	0.0000	0.0000	0.0000
14360	MERCURY-HG	0.0106	0.0630	0.0000	0.0000	0.0000
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14595	SELENIUM AND COMPOUNDS	0.0210	0.1200	0.0000	0.0000	0.0000
24023	PM10 ANTIMONY AND COMPOUNDS	0.0210	0.1200	0.0000	0.0000	0.0000
24030	PM10 ARSENIC - AS	0.0070	0.0400	0.0000	0.0000	0.0000
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24071	PM10 BERYLLIUM COMPOUNDS	0.0210	0.1200	0.0000	0.0000	0.0000
24110	PM10 CADMIUM-CD	0.0210	0.1200	0.0000	0.0000	0.0000
24160	PM10 CHROMIUM-CR	0.0540	0.3400	0.0000	0.0000	0.0000
24310	PM10 LEAD-PB	0.0900	0.5900	0.0000	0.0000	0.0000
24350	PM10 MANGANESE-MN	0.4600	2.9000	0.0000	0.0000	0.0000
24360	PM10 MERCURY-HG	0.0074	0.0427	0.0000	0.0000	0.0000
24390	PM10 NICKEL-NI	0.1200	0.7300	0.0000	0.0000	0.0000
24391	PM10 NICKEL AND COMPOUNDS	0.0070	0.0400	0.0000	0.0000	0.0000
24595	PM10 SELENIUM AND COMPOUNDS	0.0210	0.1200	0.0000	0.0000	0.0000
51530	METHANOL	0.0300	0.1900	0.0000	0.0000	0.0000
52420	BENZENE	3.1971	20.2404	0.0000	0.0000	0.0000
52490	TOLUENE	0.4000	2.5000	0.0000	0.0000	0.0000
52510	XYLENE-U	0.0000	0.0000	0.0000	0.0000	0.0000
54070	METHYL ISOBUTYL KETONE	0.0500	0.3500	0.0000	0.0000	0.0000
Total		5.3821	33.8960	0.0000	0.0000	0.0000