



2023 CONTAMINANT SUMMARY REPORT

May 02, 2024

6:09 pm

CN : CN600128425

Organization : SHINTECH INCORPORATED

RN : RN100213198

Account : BL0051F

Site : SHINTECH FREEPORT PLANT

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	24.6976	135.3282	0.0000	0.0000	0.0000
VOC	51.6367	282.9508	0.0000	0.0003	0.0003
CO	3.2920	18.0382	0.0000	0.0000	0.0000
NOX	35.9616	197.0501	0.0000	0.0000	0.0000
SO2	0.8194	4.4901	0.0000	0.0000	0.0000
PB	0.0000	0.0000	0.0000	0.0000	0.0000
PM10	24.9587	136.7591	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	66.7284	365.6339	0.0000	0.0000	0.0000
11160	HYDROCHLORIC ACID	0.1855	1.0164	0.0000	0.0000	0.0000
11210	FORMALIN	0.0000	0.0000	0.0000	0.0000	0.0000
11265	POLYVINYLCHLORIDE	0.0000	0.0000	0.0000	0.0000	0.0000
11687	DIOXIN	0.0000	0.0000	0.0000	0.0000	0.0000
14020	ANTIMONY-SB	0.0000	0.0000	0.0000	0.0000	0.0000
14390	NICKEL-NI	0.0000	0.0000	0.0000	0.0000	0.0000
20000	PM10 PART-U	24.9587	136.7591	0.0000	0.0000	0.0000
39999	TOTAL PM2.5 PARTICULATE	24.6976	135.3282	0.0000	0.0000	0.0000
50001	VOC-UNCLASSIFIED	7.4184	40.6486	0.0000	0.0000	0.0000
51460	ETHANOL	4.8285	26.4588	0.0000	0.0000	0.0000
51471	ETHYLENE GLYCOL	0.0000	0.0000	0.0000	0.0000	0.0000
51490	ISOBUTANOL	0.0000	0.0000	0.0000	0.0000	0.0000
51510	ISOPROPANOL	0.0462	0.2530	0.0000	0.0000	0.0000
51511	2-PHENYL-2 PROPANOL	0.1165	0.6380	0.0000	0.0000	0.0000
51521	ETHYL HEXANOL 2	1.8234	9.9911	0.0000	0.0000	0.0000
51530	METHANOL	5.8471	32.0386	0.0000	0.0000	0.0000
51550	PHENOL	0.0008	0.0038	0.0000	0.0000	0.0000
51590	TERT BUTYL ALCOHOL	0.0967	0.5296	0.0000	0.0000	0.0000
51620	ACETALDEHYDE	3.8664	21.1872	0.0000	0.0000	0.0000
51680	FORMALDEHYDE	1.0283	5.6354	0.0000	0.0000	0.0000
52420	BENZENE	0.0000	0.0000	0.0000	0.0000	0.0000
52438	NITROBENZENE	0.0009	0.0043	0.0000	0.0000	0.0000
52440	CUMENE	0.0020	0.0114	0.0000	0.0000	0.0000
52445	CHLOROETHANE	0.3663	2.0085	0.0000	0.0000	0.0000
52490	TOLUENE	0.1227	0.6727	0.0000	0.0000	0.0000
52510	XYLENE-U	0.0000	0.0000	0.0000	0.0000	0.0000
52730	BIS 2-ETHYLHEXYL PHTHALATE	2.5906	14.1954	0.0000	0.0000	0.0000



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53230	1,1-DICHLOROETHANE	0.0010	0.0065	0.0000	0.0000	0.0000
53250	METHYLENE CHLORIDE	0.0000	0.0000	0.0000	0.0000	0.0000
53270	1,2-DICHLOROETHANE	0.0118	0.0651	0.0000	0.0000	0.0000
53280	METHYL CHLORIDE	0.2142	1.1732	0.0000	0.0000	0.0000
54020	ACETONE	0.0432	0.2364	0.0000	0.0000	0.0000
54045	DIETHYL KETONE	0.0000	0.0000	0.0000	0.0000	0.0000
54065	METHYL ETHYL KETONE	0.2953	1.6185	0.0000	0.0000	0.0000
54070	METHYL ISOBUTYL KETONE	0.0804	0.4411	0.0000	0.0000	0.0000
54076	METHYL PROPYL KETONE	0.0000	0.0000	0.0000	0.0000	0.0000
55150	1,3- BUTADIENE	0.0026	0.0142	0.0000	0.0000	0.0000
55460	D-LIMONENE	0.0000	0.0000	0.0000	0.0000	0.0000
55800	VINYL CHLORIDE	9.6310	52.7752	0.0000	0.0003	0.0003
56600	HEXANE	0.0000	0.0000	0.0000	0.0000	0.0000
58440	ETHYLENE OXIDE	0.0002	0.0012	0.0000	0.0000	0.0000
58700	MERCAPTANS-U	0.0000	0.0000	0.0000	0.0000	0.0000
59275	MINERAL SPIRITS	9.5174	52.1505	0.0000	0.0000	0.0000
59360	STODDARD SOLVENT	0.0000	0.0000	0.0000	0.0000	0.0000
59490	VACUUM BOTTOMS	0.0000	0.0000	0.0000	0.0000	0.0000
59800	NAPHTHA,COAL-TAR	0.0000	0.0000	0.0000	0.0000	0.0000
59856	2,3,7,8-TETRACHLORODIBENZO-P-DIOXIN	0.0000	0.0000	0.0000	0.0000	0.0000
59861	ACETOPHENONE	3.7280	20.4289	0.0000	0.0000	0.0000
70110	CHLORINE	0.1126	0.6170	0.0000	0.0000	0.0000
70400	NITROGEN OXIDES	35.9616	197.0501	0.0000	0.0000	0.0000
70510	SULFUR DIOXIDE	0.8194	4.4901	0.0000	0.0000	0.0000
90300	CARBON MONOXIDE	3.2920	18.0382	0.0000	0.0000	0.0000



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HAPS SUMMARY REPORT

Contam	Contam Name	Annual (TPY)	Ozone (PPD)	SMSS (TPY)	Emiss Event (TPY)	EE/SMSS (TPY)
11160	HYDROCHLORIC ACID	0.1855	1.0164	0.0000	0.0000	0.0000
11210	FORMALIN	0.0000	0.0000	0.0000	0.0000	0.0000
11687	DIOXIN	0.0000	0.0000	0.0000	0.0000	0.0000
14020	ANTIMONY-SB	0.0000	0.0000	0.0000	0.0000	0.0000
14390	NICKEL-NI	0.0000	0.0000	0.0000	0.0000	0.0000
51471	ETHYLENE GLYCOL	0.0000	0.0000	0.0000	0.0000	0.0000
51530	METHANOL	5.8471	32.0386	0.0000	0.0000	0.0000
51550	PHENOL	0.0008	0.0038	0.0000	0.0000	0.0000
51620	ACETALDEHYDE	3.8664	21.1872	0.0000	0.0000	0.0000
51680	FORMALDEHYDE	1.0283	5.6354	0.0000	0.0000	0.0000
52420	BENZENE	0.0000	0.0000	0.0000	0.0000	0.0000
52438	NITROBENZENE	0.0009	0.0043	0.0000	0.0000	0.0000
52440	CUMENE	0.0020	0.0114	0.0000	0.0000	0.0000
52445	CHLOROETHANE	0.3663	2.0085	0.0000	0.0000	0.0000
52490	TOLUENE	0.1227	0.6727	0.0000	0.0000	0.0000
52510	XYLENE-U	0.0000	0.0000	0.0000	0.0000	0.0000
52730	BIS 2-ETHYLHEXYL PHTHALATE	2.5906	14.1954	0.0000	0.0000	0.0000
53230	1,1-DICHLOROETHANE	0.0010	0.0065	0.0000	0.0000	0.0000
53250	METHYLENE CHLORIDE	0.0000	0.0000	0.0000	0.0000	0.0000
53270	1,2-DICHLOROETHANE	0.0118	0.0651	0.0000	0.0000	0.0000
53280	METHYL CHLORIDE	0.2142	1.1732	0.0000	0.0000	0.0000
54070	METHYL ISOBUTYL KETONE	0.0804	0.4411	0.0000	0.0000	0.0000
55150	1,3- BUTADIENE	0.0026	0.0142	0.0000	0.0000	0.0000
55800	VINYL CHLORIDE	9.6310	52.7752	0.0000	0.0003	0.0003
56600	HEXANE	0.0000	0.0000	0.0000	0.0000	0.0000
58440	ETHYLENE OXIDE	0.0002	0.0012	0.0000	0.0000	0.0000
59856	2,3,7,8-TETRACHLORODIBENZO-P-DIOXIN	0.0000	0.0000	0.0000	0.0000	0.0000
59861	ACETOPHENONE	3.7280	20.4289	0.0000	0.0000	0.0000
70110	CHLORINE	0.1126	0.6170	0.0000	0.0000	0.0000
Total		27.7924	152.2961	0.0000	0.0003	0.0003