



2023 CONTAMINANT SUMMARY REPORT

May 22, 2024

4:09 pm

CN : CN602689218

Organization : NXP USA INC

RN : RN102752763

Account : TH0172E

Site : INTEGRATED CIRCUIT MFG OAK HILL FAB

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	0.8421	3.9149	0.0000	0.0000	0.0000
VOC	32.7065	167.8611	0.0000	0.0000	0.0000
CO	9.3243	43.2542	0.0000	0.0000	0.0000
NOX	9.3300	42.9556	0.0000	0.0000	0.0000
SO2	0.0000	0.0001	0.0000	0.0000	0.0000
PB	0.0000	0.0000	0.0000	0.0000	0.0000
PM10	0.8512	3.9184	0.0000	0.0000	0.0000

CONTAMINANT SUMMARY REPORT

Contam	Contam Name	Annual (TPY)	Ozone (PPD)	SMSS (TPY)	Emiss Event (TPY)	EE/SMSS (TPY)
10000	PART-U	7.4748	40.2089	0.0000	0.0000	0.0000
11104	AMMONIUM FLUORIDE	0.0716	0.3849	0.0000	0.0000	0.0000
11112	MAGNESIUM NITRATE	0.0000	0.0000	0.0000	0.0000	0.0000
11158	HYDROBROMIC ACID	0.0263	0.1441	0.0000	0.0000	0.0000
11160	HYDROCHLORIC ACID	12.2592	67.1737	0.0000	0.0000	0.0000
11162	HYDROFLUORIC ACID	0.1306	0.7850	0.0000	0.0000	0.0000
11165	NITRIC ACID	0.1018	0.5429	0.0000	0.0000	0.0000
11170	PHOSPHORIC ACID	0.2126	1.0993	0.0000	0.0000	0.0000
11175	SULFURIC ACID	0.0502	0.2543	0.0000	0.0000	0.0000
13045	SAWDUST	0.0000	0.0000	0.0000	0.0000	0.0000
14000	PART-MINERAL-U	0.0000	0.0000	0.0000	0.0000	0.0000
14035	ARSINE,ASH3	0.0024	0.0024	0.0000	0.0000	0.0000
14129	CALCIUM HYDROXIDE	0.0001	0.0007	0.0000	0.0000	0.0000
14310	LEAD-PB	0.0000	0.0000	0.0000	0.0000	0.0000
20000	PM10 PART-U	0.8509	3.9154	0.0000	0.0000	0.0000
24486	PM10 POTASSIUM HYDROXIDE-KOH	0.0003	0.0030	0.0000	0.0000	0.0000
24737	PM10 TITANIUM TETRACHLORIDE	0.0000	0.0000	0.0000	0.0000	0.0000
39999	TOTAL PM2.5 PARTICULATE	0.8421	3.9149	0.0000	0.0000	0.0000
50001	VOC-UNCLASSIFIED	1.5669	7.6199	0.0000	0.0000	0.0000
51120	ACETIC ACID	0.1106	0.6047	0.0000	0.0000	0.0000
51129	1-PROPANOL, 2-METHOXY-ACETATE	0.0048	0.0262	0.0000	0.0000	0.0000
51137	BUTYROLACTONE 4	0.0009	0.0044	0.0000	0.0000	0.0000
51400	ALCOHOLS-U	0.0000	0.0000	0.0000	0.0000	0.0000
51471	ETHYLENE GLYCOL	0.0757	0.5846	0.0000	0.0000	0.0000
51478	METHOXY-2-ACETOXYPROPANE, 1-	1.3691	2.5623	0.0000	0.0000	0.0000
51494	HYDROXYLAMINE	0.5468	1.5048	0.0000	0.0000	0.0000
51510	ISOPROPANOL	4.3640	20.8246	0.0000	0.0000	0.0000
51530	METHANOL	0.0344	0.1567	0.0000	0.0000	0.0000



2023 CONTAMINANT SUMMARY REPORT

May 22, 2024

4:09 pm

CN : CN602689218

Organization : NXP USA INC

RN : RN102752763

Account : TH0172E

Site : INTEGRATED CIRCUIT MFG OAK
HILL FAB

Last EI Date : 12/31/2023

CONTAMINANT SUMMARY REPORT

Contam	Contam Name	Annual (TPY)	Ozone (PPD)	SMSS (TPY)	Emiss Event (TPY)	EE/SMSS (TPY)
51537	CREOSOL ALL ISOMERS	0.0002	0.0000	0.0000	0.0000	0.0000
51551	DIHYDROXYBENZENE 1,2	0.0000	0.0000	0.0000	0.0000	0.0000
52000	ARENES	0.0000	0.0000	0.0000	0.0000	0.0000
52200	AMINES-U	0.0000	0.0000	0.0000	0.0000	0.0000
52203	HEXAMETHYLDISILIZANE	0.0029	0.0297	0.0000	0.0000	0.0000
52231	ANISOLE	0.0042	0.0014	0.0000	0.0000	0.0000
52279	MONOETHANOLAMINE	0.0000	0.0000	0.0000	0.0000	0.0000
52280	ETHANOLAMINE	0.1712	0.4768	0.0000	0.0000	0.0000
52281	DIGLYCOLAMINE	0.0006	0.0000	0.0000	0.0000	0.0000
52471	ETHYL 3-ETHOXYPROPRIONATE	0.0043	0.0038	0.0000	0.0000	0.0000
52480	STYRENE	0.0000	0.0000	0.0000	0.0000	0.0000
52510	XYLENE-U	0.0000	0.0000	0.0000	0.0000	0.0000
52514	ORTHO-XYLENE	0.0000	0.0000	0.0000	0.0000	0.0000
52620	AMYL ACETATE	0.0010	0.0004	0.0000	0.0000	0.0000
52623	METHYLBUTYL ACETATE, 2-	0.0006	0.0002	0.0000	0.0000	0.0000
52673	ETHYL LACTATE	0.0335	0.0266	0.0000	0.0000	0.0000
52680	ETHYL ACETATE	0.0006	0.0029	0.0000	0.0000	0.0000
52701	ETHYL-B-ETHOXYPROPIONATE	0.0000	0.0000	0.0000	0.0000	0.0000
52830	GLYCOL ETHERS CELLOSOLVES	0.0000	0.0000	0.0000	0.0000	0.0000
52922	METHOXY 1 PROPANOL 2	0.0016	0.0089	0.0000	0.0000	0.0000
53000	HALOGENATED CARBON COMPOUNDS-U	0.0000	0.0000	0.0000	0.0000	0.0000
53211	CARBON TETRAFLUORIDE	0.0000	0.0000	0.0000	0.0000	0.0000
53400	FLUOROCARBONS-U	0.0000	0.0000	0.0000	0.0000	0.0000
53450	FREONS-U	0.0000	0.0000	0.0000	0.0000	0.0000
53528	CARBON TRIFLUORIDE	0.0000	0.0000	0.0000	0.0000	0.0000
53530	METHYL FLOURIDE	0.0000	0.0000	0.0000	0.0000	0.0000
53630	MEK PEROXIDE	0.0000	0.0000	0.0000	0.0000	0.0000
54020	ACETONE	0.3143	2.3750	0.0000	0.0000	0.0000
54058	N-METHYL-2-PYRROLIDONE	0.0155	0.0284	0.0000	0.0000	0.0000
54072	HEPTANONE 2	0.0030	0.0096	0.0000	0.0000	0.0000
54079	HEXAFLUOROETHANE	0.0000	0.0000	0.0000	0.0000	0.0000
58420	ACETIC ANHYDRIDE	0.0029	0.0153	0.0000	0.0000	0.0000
58800	ORGANIC SILICO-OXIDES-U	0.0000	0.0000	0.0000	0.0000	0.0000
58805	ETHYL SILICATE	0.0307	0.0722	0.0000	0.0000	0.0000
58830	TRIETHYL PHOSPHATE	0.0200	0.0326	0.0000	0.0000	0.0000
59000	VOC GAS MIXTURE-U	0.0000	0.0000	0.0000	0.0000	0.0000
59003	GASOLINE	22.7207	124.4970	0.0000	0.0000	0.0000
59150	DIESEL	1.5804	8.6583	0.0000	0.0000	0.0000



2023 CONTAMINANT SUMMARY REPORT

May 22, 2024

4:09 pm

CN : CN602689218

Organization : NXP USA INC

RN : RN102752763

Account : TH0172E

Site : INTEGRATED CIRCUIT MFG OAK
HILL FAB

Last EI Date : 12/31/2023

CONTAMINANT SUMMARY REPORT

Contam	Contam Name	Annual (TPY)	Ozone (PPD)	SMSS (TPY)	Emiss Event (TPY)	EE/SMSS (TPY)
59834	CATECHOL	0.0394	0.1088	0.0000	0.0000	0.0000
60000	METHANE	0.0000	0.0000	0.0000	0.0000	0.0000
70000	INORGANIC GASES-U	7.6500	41.9442	0.0000	0.0000	0.0000
70001	DICHLOROSILANE	0.0115	0.0605	0.0000	0.0000	0.0000
70015	GERMANIUM TETRAHYDRIDE	0.0005	0.0024	0.0000	0.0000	0.0000
70033	BORON TRIFLUORIDE	0.0002	0.0014	0.0000	0.0000	0.0000
70035	BORON TRICHLORIDE	0.0005	0.0026	0.0000	0.0000	0.0000
70050	AMMONIA	0.2509	1.3744	0.0000	0.0000	0.0000
70051	AMMONIUM HYDROXIDE	0.1738	1.6127	0.0000	0.0000	0.0000
70055	DIBORANE	0.0006	0.0027	0.0000	0.0000	0.0000
70061	HYDROGEN PEROXIDE	0.2804	1.5367	0.0000	0.0000	0.0000
70110	CHLORINE	0.0635	0.3251	0.0000	0.0000	0.0000
70115	FLUORINE	0.0000	0.0000	0.0000	0.0000	0.0000
70120	IODINE	0.0000	0.0000	0.0000	0.0000	0.0000
70170	ACID GAS-U	0.0000	0.0000	0.0000	0.0000	0.0000
70173	HYDRIDES-U	0.0000	0.0000	0.0000	0.0000	0.0000
70200	HYDROGEN CHLORIDE	0.0000	0.0000	0.0000	0.0000	0.0000
70250	HYDROGEN FLUORIDE	0.0000	0.0000	0.0000	0.0000	0.0000
70400	NITROGEN OXIDES	9.3300	42.9556	0.0000	0.0000	0.0000
70403	NITROUS OXIDE	0.1921	0.9037	0.0000	0.0000	0.0000
70468	SILANE	0.2001	0.8831	0.0000	0.0000	0.0000
70485	SODIUM HYDROXIDE-GAS	0.0096	0.0525	0.0000	0.0000	0.0000
70490	SODIUM HYPOCHLORITE	0.0917	0.5027	0.0000	0.0000	0.0000
70500	SULFUR OXIDE-U	0.0725	0.3294	0.0000	0.0000	0.0000
70510	SULFUR DIOXIDE	0.0000	0.0001	0.0000	0.0000	0.0000
70615	SULFUR HEXAFLUORIDE	0.0000	0.0000	0.0000	0.0000	0.0000
71121	PHOSPHINE	0.0008	0.0044	0.0000	0.0000	0.0000
71122	PHOSPHORYL CHLORIDE	0.0000	0.0000	0.0000	0.0000	0.0000
75000	NITROGEN TRIFLUORIDE	0.0000	0.0000	0.0000	0.0000	0.0000
80000	OZONE	0.0000	0.0000	0.0000	0.0000	0.0000
90300	CARBON MONOXIDE	9.3243	43.2542	0.0000	0.0000	0.0000



2023 CONTAMINANT SUMMARY REPORT

May 22, 2024

4:09 pm

CN : CN602689218

Organization : NXP USA INC

RN : RN102752763

Account : TH0172E

Site : INTEGRATED CIRCUIT MFG OAK
HILL FAB

Last EI Date : 12/31/2023

HAPS SUMMARY REPORT

Contam	Contam Name	Annual (TPY)	Ozone (PPD)	SMSS (TPY)	Emiss Event (TPY)	EE/SMSS (TPY)
11160	HYDROCHLORIC ACID	12.2592	67.1737	0.0000	0.0000	0.0000
11162	HYDROFLUORIC ACID	0.1306	0.7850	0.0000	0.0000	0.0000
14035	ARSINE,ASH3	0.0024	0.0024	0.0000	0.0000	0.0000
14310	LEAD-PB	0.0000	0.0000	0.0000	0.0000	0.0000
24737	PM10 TITANIUM TETRACHLORIDE	0.0000	0.0000	0.0000	0.0000	0.0000
51471	ETHYLENE GLYCOL	0.0757	0.5846	0.0000	0.0000	0.0000
51530	METHANOL	0.0344	0.1567	0.0000	0.0000	0.0000
51551	DIHYDROXYBENZENE 1,2	0.0000	0.0000	0.0000	0.0000	0.0000
52480	STYRENE	0.0000	0.0000	0.0000	0.0000	0.0000
52510	XYLENE-U	0.0000	0.0000	0.0000	0.0000	0.0000
52514	ORTHO-XYLENE	0.0000	0.0000	0.0000	0.0000	0.0000
52830	GLYCOL ETHERS CELLOSOLVES	0.0000	0.0000	0.0000	0.0000	0.0000
59834	CATECHOL	0.0394	0.1088	0.0000	0.0000	0.0000
70110	CHLORINE	0.0635	0.3251	0.0000	0.0000	0.0000
70200	HYDROGEN CHLORIDE	0.0000	0.0000	0.0000	0.0000	0.0000
70250	HYDROGEN FLUORIDE	0.0000	0.0000	0.0000	0.0000	0.0000
71121	PHOSPHINE	0.0008	0.0044	0.0000	0.0000	0.0000
Total		12.6060	69.1407	0.0000	0.0000	0.0000