

**2024 CONTAMINANT SUMMARY REPORT**

July 17, 2025

4:59 pm

CN : CN602914442**Organization :** SAMSUNG AUSTIN SEMICONDUCTOR LLC**RN :** RN100518026**Account :** TH0602A**Site :** AUSTIN FABRICATION FACILITY**Last EI Date :** 12/31/2024**CRITERIA EMISSIONS TOTALS**

Pollutant Class	Annual (TPY)	Ozone (PPD)	SMSS (TPY)	Emiss Event (TPY)	EE/SMSS (TPY)
PM2.5	2.9977	16.1857	0.0000	0.0000	0.0000
VOC	73.1096	418.9367	0.0000	0.0000	0.0000
CO	156.2365	842.8314	0.0000	0.0000	0.0000
NOX	106.2519	566.8290	0.0000	0.0000	0.0000
SO2	0.8943	4.1912	0.0000	0.0000	0.0000
PM10	3.8303	19.2909	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	3.8299	19.2850	0.0000	0.0000	0.0000
11165	NITRIC ACID	0.7292	3.9581	0.0000	0.0001	0.0001
11170	PHOSPHORIC ACID	0.2054	1.1354	0.0000	0.0000	0.0000
14016	ALUMINM OXIDE- AL2O3	0.0206	0.1064	0.0000	0.0000	0.0000
14035	ARSINE,ASH3	0.0000	0.0000	0.0000	0.0000	0.0000
14095	BORON OXIDE	0.0326	0.1676	0.0000	0.0000	0.0000
14260	HAFNIUM-HF	0.0000	0.0000	0.0000	0.0000	0.0000
14486	POTASSIUM HYDROXIDE-KOH	0.0022	0.0094	0.0000	0.0000	0.0000
14735	TITANIUM DIOXIDE	0.1368	0.9808	0.0000	0.0000	0.0000
14737	TITANIUM TETRACHLORIDE	0.0000	0.0000	0.0000	0.0000	0.0000
20000	PM10 PART-U	3.8299	19.2850	0.0000	0.0000	0.0000
24260	PM10 HAFNIUM-HF	0.0004	0.0059	0.0000	0.0000	0.0000
39999	TOTAL PM2.5 PARTICULATE	2.9977	16.1857	0.0000	0.0000	0.0000
50001	VOC-UNCLASSIFIED	16.3844	79.6784	0.0000	0.0000	0.0000
51120	ACETIC ACID	0.8740	5.2090	0.0000	0.0000	0.0000
51129	1-PROPANOL, 2-METHOXY-ACETATE	0.0000	0.0004	0.0000	0.0000	0.0000
51137	BUTYROLACTONE 4	3.9499	25.3961	0.0000	0.0000	0.0000
51205	OXALIC ACID	0.0000	0.0000	0.0000	0.0000	0.0000
51419	METHYL-2-PENTANOL,4-	0.0457	0.2729	0.0000	0.0000	0.0000
51459	DIMETHYLAMINOETHANOL	0.2858	1.7927	0.0000	0.0000	0.0000
51460	ETHANOL	2.2184	12.8728	0.0000	0.0000	0.0000
51471	ETHYLENE GLYCOL	0.0507	0.2617	0.0000	0.0000	0.0000
51478	METHOXY-2-ACETOXYPROPANE, 1-	21.5701	131.9373	0.0000	0.0000	0.0000
51494	HYDROXYLAMINE	0.0000	0.0000	0.0000	0.0000	0.0000
51510	ISOPROPANOL	2.3996	14.8322	0.0000	0.0000	0.0000
51530	METHANOL	0.0047	0.0280	0.0000	0.0000	0.0000
51590	TERT BUTYL ALCOHOL	0.0000	0.0000	0.0000	0.0000	0.0000
51680	FORMALDEHYDE	0.0000	0.0000	0.0000	0.0000	0.0000
52001	CYMENE, P-	0.0240	0.1728	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)
52202	METHYLDIETHANOLAMINE	0.1428	0.8963	0.0000	0.0000	0.0000
52203	HEXAMETHYLDISILIZANE	5.1742	28.8288	0.0000	0.0000	0.0000
52231	ANISOLE	0.0102	0.0508	0.0000	0.0000	0.0000
52260	DIMETHYLAMINE	0.0583	0.4241	0.0000	0.0000	0.0000
52265	AROMATIC PETROLEUM DISTILLATE HEAVY	1.3274	7.3145	0.0000	0.0000	0.0000
52279	MONOETHANOLAMINE	0.0289	0.1662	0.0000	0.0000	0.0000
52281	DIGLYCOLAMINE	0.0001	0.0014	0.0000	0.0000	0.0000
52400	AROMATICS-U	0.0018	0.0097	0.0000	0.0000	0.0000
52460	NAPHTHALENE	0.0014	0.0074	0.0000	0.0000	0.0000
52490	TOLUENE	0.0000	0.0000	0.0000	0.0000	0.0000
52620	AMYL ACETATE	0.0029	0.0145	0.0000	0.0000	0.0000
52623	METHYLBUTYL ACETATE, 2-	0.0029	0.0145	0.0000	0.0000	0.0000
52640	BUTYL ACETATE	3.6113	22.6733	0.0000	0.0000	0.0000
52673	ETHYL LACTATE	0.2293	1.3215	0.0000	0.0000	0.0000
52721	ETHYL-3-ETHOXYPROPIONATE	3.9995	23.9010	0.0000	0.0000	0.0000
52833	DIPROPYLENE GLYCOL METHYL ETHER ACETATE	0.0026	0.0149	0.0000	0.0000	0.0000
52834	PROPYLENE GLYCOL MONOMETHYL ETHER	0.3489	1.7788	0.0000	0.0000	0.0000
52835	DIPROPYLENE GLYCOL MONOMETHYL ETHER	0.0083	0.0496	0.0000	0.0000	0.0000
52913	PART-HYDROCARBON RESINS	0.0000	0.0000	0.0000	0.0000	0.0000
53211	CARBON TETRAFLUORIDE	23.1108	129.3156	0.0000	0.0000	0.0000
53301	DIFLUOROMETHANE	0.0666	0.1394	0.0000	0.0000	0.0000
53400	FLUOROCARBONS-U	0.4754	2.1580	0.0000	0.0000	0.0000
53528	CARBON TRIFLUORIDE	3.1648	17.5490	0.0000	0.0000	0.0000
53530	METHYL FLOURIDE	0.5942	3.0324	0.0000	0.0000	0.0000
54020	ACETONE	3.1984	20.2066	0.0000	0.0000	0.0000
54040	CYCLOHEXANONE	0.2807	1.7192	0.0000	0.0000	0.0000
54058	N-METHYL-2-PYRROLIDONE	0.0050	0.0290	0.0000	0.0000	0.0000
54070	METHYL ISOBUTYL KETONE	0.0000	0.0000	0.0000	0.0000	0.0000
54072	HEPTANONE 2	0.0281	0.1783	0.0000	0.0000	0.0000
54079	HEXAFLUOROETHANE	2.7886	15.1022	0.0000	0.0000	0.0000
55225	DICYCLOPENTADIENE	0.0000	0.0000	0.0000	0.0000	0.0000
55300	ETHYLENE	0.0326	0.0000	0.0000	0.0000	0.0000
55600	PROPYLENE	9.3064	53.4304	0.0000	0.0000	0.0000
56550	ETHANE	1.0556	6.1062	0.0000	0.0000	0.0000
56674	OCTANE	0.0913	0.4878	0.0000	0.0000	0.0000
56678	TRIMETHYL PHOSPHITE	0.0000	0.0000	0.0000	0.0000	0.0000
56730	N-HEXANE	0.0000	0.0000	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)
56775	PROPANE	0.0132	0.1380	0.0000	0.0000	0.0000
58260	NITROMETHANE	0.0000	0.0000	0.0000	0.0000	0.0000
58300	PYRIDINE	0.0000	0.0000	0.0000	0.0000	0.0000
58819	OCTAMETHYLCYCLOTETRASIOXANE	0.0000	0.0000	0.0000	0.0000	0.0000
59360	STODDARD SOLVENT	0.0000	0.0000	0.0000	0.0000	0.0000
59834	CATECHOL	0.0000	0.0000	0.0000	0.0000	0.0000
60000	METHANE	6.8614	46.0772	0.0000	0.0000	0.0000
70000	INORGANIC GASES-U	6.2591	56.4748	0.0000	0.0000	0.0000
70035	BORON TRICHLORIDE	0.0000	0.0000	0.0000	0.0000	0.0000
70050	AMMONIA	4.8990	29.6032	0.0000	0.0014	0.0014
70055	DIBORANE	0.0012	0.0060	0.0000	0.0000	0.0000
70061	HYDROGEN PEROXIDE	5.2146	34.9040	0.0000	0.0000	0.0000
70110	CHLORINE	0.6206	4.0096	0.0000	0.0000	0.0000
70115	FLUORINE	0.1794	1.0560	0.0000	0.0000	0.0000
70175	HYDROGEN BROMIDE, HBR	0.5038	2.1666	0.0000	0.0000	0.0000
70200	HYDROGEN CHLORIDE	0.3944	2.0733	0.0000	0.0000	0.0000
70226	CARBONYL SULFIDE	0.0000	0.0000	0.0000	0.0000	0.0000
70250	HYDROGEN FLUORIDE	3.8532	21.8392	0.0000	0.0000	0.0000
70400	NITROGEN OXIDES	106.2519	566.8290	0.0000	0.0000	0.0000
70401	NITRIC OXIDE	0.0000	0.0000	0.0000	0.0000	0.0000
70403	NITROUS OXIDE	69.8645	378.0283	0.0000	0.0000	0.0000
70460	SILICA-GAS-U	0.9458	4.6853	0.0000	0.0000	0.0000
70468	SILANE	0.0000	0.0000	0.0000	0.0000	0.0000
70510	SULFUR DIOXIDE	0.8943	4.1912	0.0000	0.0000	0.0000
70516	SULFURIC ACID VAPOR	1.5814	8.9618	0.0000	0.0000	0.0000
70615	SULFUR HEXAFLUORIDE	0.5634	2.0712	0.0000	0.0000	0.0000
71121	PHOSPHINE	0.0034	0.0198	0.0000	0.0000	0.0000
75000	NITROGEN TRIFLUORIDE	0.2721	1.6099	0.0000	0.0000	0.0000
90100	CARBON DIOXIDE	24.9480	76.8662	0.0000	0.0000	0.0000
90300	CARBON MONOXIDE	156.2365	842.8314	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)
14035	ARSINE,ASH3	0.0000	0.0000	0.0000	0.0000	0.0000
14737	TITANIUM TETRACHLORIDE	0.0000	0.0000	0.0000	0.0000	0.0000
51471	ETHYLENE GLYCOL	0.0507	0.2617	0.0000	0.0000	0.0000
51530	METHANOL	0.0047	0.0280	0.0000	0.0000	0.0000
51680	FORMALDEHYDE	0.0000	0.0000	0.0000	0.0000	0.0000
52460	NAPHTHALENE	0.0014	0.0074	0.0000	0.0000	0.0000
52490	TOLUENE	0.0000	0.0000	0.0000	0.0000	0.0000
54070	METHYL ISOBUTYL KETONE	0.0000	0.0000	0.0000	0.0000	0.0000
56730	N-HEXANE	0.0000	0.0000	0.0000	0.0000	0.0000
59834	CATECHOL	0.0000	0.0000	0.0000	0.0000	0.0000
70110	CHLORINE	0.6206	4.0096	0.0000	0.0000	0.0000
70200	HYDROGEN CHLORIDE	0.3944	2.0733	0.0000	0.0000	0.0000
70226	CARBONYL SULFIDE	0.0000	0.0000	0.0000	0.0000	0.0000
70250	HYDROGEN FLUORIDE	3.8532	21.8392	0.0000	0.0000	0.0000
71121	PHOSPHINE	0.0034	0.0198	0.0000	0.0000	0.0000
Total		4.9284	28.2390	0.0000	0.0000	0.0000