

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit No. 17903

The total emissions of air contaminants from any of the source groupings listed on this table shall not exceed the stated values. The annual (TPY) emission rates are based on a rolling 12-month period. The facilities may operate 8,760 hours per year.

AIR CONTAMINANTS DATA

Emission Point (4)	Source Grouping	Air Contaminant	Emission Rates	
Grouping No. (1)	Name (2)	Name (3)	lb/hr	TPY

Research West Building

01 (89, 90, 92, 92A,	14.22	Reswest (RWFPA, VOC	4.94	
92B, 93 and	RWIDL and RWMISC)	Exempt Solvent	2.69	6.24
RWFUG)		POC	<0.01	<0.01
	Inorganics	1.19	2.80	

North Building

02 (A, D and KK)	North (NBDCE, NBUNCOOL, NBMCRO and NBMOCVD)	VOC	0.11	0.21
		Exempt Solvent	0.16	0.40
		POC	0.08	0.16
		Inorganics	0.10	0.10
03 (K, L, AA, CC, EE, FF, HH, JJ, Solvent	NorthFug (NB-DEG-01, NB-DEG-02, NB-DEG-03, Exempt	VOC	3.42	4.72
MM and NBFUG)	2.80	6.32		
	NBMCRO, NBDCE, NBSPD, NBMISC)	Inorganics	0.45	0.10
04 (215 and 216)	N215216 (NBDCE and NBMCRO)	VOC	0.45	1.71
		Exempt Solvent	0.69	1.40
		Inorganics	0.03	0.05

Semiconductor Building

05 (4, 5, 5A40C, 6, 7, 12A, 12B, 12C, 13A, 13B, 13C, 18, 18ASC, 19, 20, 22, 22A, 23,	S/C (SCFPA, SCDSTARI, SCFAL, SCOPTO, SCUNCOOL, SCSMT, SCQTZ, SCMCM, SCMCRO, SCTFN, SCHARP,	VOC	6.42	18.87
		Exempt Solvent	3.59	9.42
		POC	0.02	0.04
		Inorganics	1.52	3.59

40B, 233
and SCFUG)

SCDEWA, SCSCPKG,
SCMCT, and SCMISC)

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06 (SCST)	S/C Solvent Tanks (SCST) 0.11	VOC		0.03
		Exempt Solvent	<0.01	0.03
Research East Building				
07 (84, 87, 88, 94, 95, 104, 105, 106, 211, and REFUG)	0.58 RESTGM, and REMISC)	Reseast (REDIG,VOC		0.45
		Exempt Solvent	0.37	0.93
		POC	0.07	0.15
		Inorganics	0.35	0.43

(1) Emission points within the grouping are shown in the parenthesis.

(2) The FINs of the sources within the grouping are shown in the parenthesis.

(3) VOC - volatile organic compounds as defined in 30 TAC §101.1

Exempt Solvent - carbon compounds excluded
from definition of VOC

Inorganics - includes acids, bases and particulate matter

POC - products of combustion including oxides of nitrogen,
carbon monoxide, sulphur dioxide, non-methane VOC and
particulate matter

(4) Emission rates are the sum of those from the emission points and
sources within the groupings.

Dated_____