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EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

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This table lists the maximum allowable emission rates and all sources of air contaminants on the applicant's property covered by this permit. The emission rates shown are those derived from information submitted as part of the application for permit and are the maximum rates allowed for these facilities. Any proposed increase in emission rates may require an application for a modification of the facilities covered by this permit.

		AIR CONTAMINANTS DATA		
Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates * lb/hr	TPY
01	Soda Ash Silo Vent	PM10	0.075	0.33
02	Soda Ash Silo Vent	PM10	0.075	0.33
03	Limestone Silo Vent	PM10	0.050	0.22
04	Salt Cake Silo Vent	PM10	0.011	0.05
05	Dolomite Silo Vent	PM10	0.14	0.60
06	Sand Silo Vent	PM10	0.20	0.86
07	Sand Silo Vent	PM10	0.20	0.86
08	Sand Silo Vent	PM10	0.20	0.86
09	Soda Ash Silo Vent	PM10	0.009	0.04
10	Soda Ash Silo Vent	PM10	0.009	0.04
11	Limestone Silo Vent	PM10	0.009	0.04
12	Salt Cake Silo Vent	PM10	0.009	0.04
13	Dolomite Silo Vent	PM10	0.009	0.04
14	Sand Silo Vent	PM10	0.009	0.04
15	Sand Silo Vent	PM10	0.009	0.04
16	Sand Silo Vent	PM10	0.009	0.04

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17	Cullet Hood Vent	PM10	0.39	1.70
18	Mix House Vent	PM10	0.39	1.70
20	Rouge/Coal Storage Vent	PM10	0.094	0.41

AIR CONTAMINANTS DATA

Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates * lb/hr	TPY
21	Batch Plant Vacuum System Vent	PM10	0.009	0.04
22	Tank No. 1 Stack (5)	PM10	71.	310.
		NOx	270.	1180.
		CO	320.	1420.
		SO2	41.	180.
		Cr (4)	0.22	1.0
		Se (4)	7.0	31.
		Co (4)	0.014	0.06
		Si (4)	19.0	82.0
		Ni (4)	0.022	0.10
23	Tank No. 2 Stack (5)	PM10	71.	310.
		NOx	290.	1250.
		So2	50.	220.
		CO	320.	1420.
25	Cullet Hood Vent	PM10	0.057	0.25
28	Solarcool Scrubber Stack	PM10	4.37	9.57
		Co (4)	0.46	2.00
		SO2 (6)	5.70	25.00
		Cr (4)	0.080	0.35
		Fe (4)	0.50	2.20
29	Solarcool Mix Room Vent	PM10	0.15	0.66
30	Line 2 West Stack	SO2 (6)	5.70	25.00

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31	Line 1 East Stack	SO2 (6)	5.7	25.00
32	Cullet Hood Scrubber Vent	PM10	0.002	0.01
33	Cullet Hood Scrubber Vent	PM10	0.027	0.12
34	Cullet Hood Scrubber Vent	PM10	0.027	0.12
35	Cullet Hood Scrubber Vent	PM10	0.005	0.02
36	Interleaving Line 2 Stack	PM10	0.46	2.00

AIR CONTAMINANTS DATA

Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates * lb/hr	TPY
36A	Interleaving Line 2 Stack	PM10	0.46	2.00
37	Interleaving Line 1 Stack	PM10	0.30	1.30
38	Boiler 1 Furnace Stack	SO2	0.023	0.10
		CO	0.046	0.20
		VOC	0.023	0.10
		NOx	0.23	1.00
		PM10	0.023	0.10
38A	Boiler 2 Furnace Stack	NOx	0.23	1.00
		VOC	0.023	0.10
		CO	0.046	0.20
		SO2	0.023	0.10
		PM10	0.023	0.10
38B	Boiler 3 Furnace Stack	NOx	0.23	1.00
		VOC	0.023	0.10
		CO	0.046	0.20
		SO2	0.023	0.10
		PM10	0.023	0.10
39	Cullet Hood Scrubber Vent	PM10	0.005	0.02
40	Cullet Hood Scrubber Vent	PM10	0.005	0.02

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41	Cullet Hood Scrubber Vent	PM10	0.005	0.02
42	Cullet Hood Scrubber Vent	PM10	0.005	0.02
43	Cullet Hood Scrubber Vent	PM10	0.005	0.02
44	Cullet Hood Scrubber Vent	PM10	0.005	0.02
45	Cullet Hood Scrubber Vent	PM10	0.005	0.02
46	APS-1 Stack	PM10	0.068	0.30
47	APS-2 Stack	PM10	0.068	0.30
48	APS-3 Stack	PM10	0.068	0.30

AIR CONTAMINANTS DATA

Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates * lb/hr	TPY
49	APS-4 Stack	PM10	0.068	0.30
50	Cullet Hood Scrubber Vent	PM10	0.005	0.02
51	Race 1 Stack	PM10	0.057	0.25
52	APS-1B Stack	PM10	0.12	0.52
52A	APS-1A Stack	PM	0.068	.30
53	Vacuum Transfer Temp. No. 1 Stack	PM10	0.068	0.30
54	Vacuum Transfer Temp. No. 3 Stack	PM10	0.068	0.30
54A	Vacuun Transfer Temp. No. 2 Stack	PM10	0.068	0.30
54B	Interleaving Tempering	PM10	0.46	2.00

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Stack				
55	Oil Storage Tank Vent	VOC	0.23	1.00
56	Oil Storage Tank Vent	VOC	0.023	0.10
57	Oil Storage Tank Vent	VOC	0.023	0.10
58	Oil Storage Tank Vent	VOC	0.023	0.10
59	LP Gas Tank Vent	VOC	0.057	0.25
60	Gas Tank Vent	VOC	0.057	0.25
61	Waste Oil Tank Vent	VOC	0.027	0.12
63	Oil Storage Tank Vent	VOC	0.027	0.12
65A	Line 1 Cullet Conveyor Dust Collector Vent	PM10	0.002	0.01

AIR CONTAMINANTS DATA

Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates * lb/hr	TPY
65B	Line 1 Cullet Conveyor Dust Collector Vent	PM10	0.002	0.01
65C	Line 1 Cullet Conveyor Dust Collector Vent	PM10	0.002	0.01
66A	Line 2 Cullet Conveyor Dust Collector Vent	PM10	0.002	0.01
66B	Line 2 Cullet Conveyor Dust Collector Vent	PM10	0.002	0.01
67	Line 2 Batch Dust Collector Vent	PM10	0.002	0.01

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68	Oil Storage Tank Vent	VOC	0.023	0.01

(1) Emission point identification - either specific equipment designation or emission point number from plot plan.

(2) Specific point source name. For fugitive sources use area name or fugitive source name.

(3) VOC - volatile organic compounds as defined in General Rule 101.1
NOx - total oxides of nitrogen
SO2 - sulfur dioxide
PM - particulate matter
PM10 - particulate matter less than 10 microns
CO - carbon monoxide
Cr - chromium
Se - selenium
Ni - nickle
Fe - iron
Co - cobalt
Si - amorphous silica

(4) These emissions are also included as part of the total particulate PM10.

(5) The emission rates shown for Cr, Co, Ni, Si, and Se represent total combined emissions from both Tanks 1 and 2. The individual emissions rate from each stack can vary such that the sum of the emissions from Stacks 22 and 23 may not exceed the total amount shown.

(6) When the solarcool process is being operated over either Lines 1 or 2, the SO2 discharge from the respective emission points 31 (Line 1) or 30 (Line 2) will be through the solarcool control duct work and through the solarcool scrubber.

* Emission rates are based on a maximum daily production of 700 tons of glass for each of the two furnaces (1,400 tons total) and a maximum annual production of 511,000 tons of glass for the facility and the facilities are limited by the following maximum operating schedule:

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Hrs/day 24 Days/week 7 Weeks/year 52 or Hrs/year 8,760

Revised _____