

Site#: A0030

Site name: Owens-Brockway Glass Container Inc.

Period: 7/1/12 to 12/31/12

Address: 3600 Alameda Avenue City: Oakland

State: CA

Zip: 94601

The following tables show the relationship between each emission limit and the associated compliance monitoring provisions, if any, and the compliance status for the indicated source during the current six month period. The source or facility is in compliance if a "Y" is written in the compliance column. If not an "N" is written. The source or facility is in compliance for the entire six month period if a "C" is written in the "Cont or Int" column. If the source or facility is out of compliance for part of the time period an "I" is written. If the source or facility is out of compliance for the entire time period an "N" is written. If an "I" is written in the compliance column the number of days out of compliance will be indicated.

Applicable Limits, Compliance Monitoring Requirements, and Status  
S 10, GLASS MELTING FURNACE "C" NATURAL GAS FIRED

Type of limit	Emission Limit Citation	Emission Limit	Monitoring Requirement Citation	Monitoring Type	Compliance	Cont or Int	Days out of compliance / Comments
Opacity	BAAQMD 6-301	Ringelmann 1.0 <= 3 min/hr	BAAQMD 6-501 BAAQMD Cond # 11930, part 8	Continuous Opacity Monitor	Y	I	6 / see appendix
	BAAQMD 6-302	20% opacity	BAAQMD 6-501, BAAQMD Cond # 11930, part 8	Continuous Opacity Monitor	Y	I	6 / see appendix
FP	BAAQMD 6-310	0.15 gr/dscf	BAAQMD Cond # 11930, part 7	Annual Source Test	Y	C	
	BAAQMD 6-311	40 lb/hr	BAAQMD Cond # 11930, part 7	Annual Source Test	Y	C	
NOx	BAAQMD 9-12-301	5.5 lb/ton	BAAQMD 9-12-404	Annual Source Test	Y	C	

# SEMI-ANNUAL TITLE V MONITORING REPORT

## Applicable Limits and Compliance Monitoring Requirements, and Status S 10, GLASS MELTING FURNACE "C" NATURAL GAS FIRED

Type of limit	Emission Limit Citation	Emission Limit	Monitoring Requirement Citation	Monitoring Type	Compliance	Cont or Int	Days out of compliance / Comments
NOx	BAAQMD 9-12-301	5.5 lb/ton	BAAQMD Cond # 11930, part 3	CEM	Y	C	
NOx	BAAQMD Condition 11930, part 2	212.7 ton NOx in any consecutive 12 month period	BAAQMD Cond # 11930, part 2	CEM	Y	C	
SO2	BAAQMD 9-1-301	GLC of 0.5 ppm for 3 min. or 0.25 ppm for 60 min. or 0.05 ppm for 24 hours			Y	C	
	BAAQMD 9-1-302	Sulfur dioxide emission not to exceed 300 ppm (dry)	BAAQMD Cond # 11930, part 6	Annual Source Test	Y	C	
Lead	BAAQMD 11-1-301	15 lb/day	BAAQMD Cond # 11930, part 5	Annual Source Test	Y	C	
	BAAQMD 11-1-302	GLC not to exceed 1.0 ug/cu. m., 24 hr. avg.			Y	C	

# SEMI-ANNUAL TITLE V MONITORING REPORT

## Applicable Limits and Compliance Monitoring Requirements, and Status S 10, GLASS MELTING FURNACE "C" NATURAL GAS FIRED

Type of limit	Emission Limit Citation	Emission Limit	Monitoring Requirement Citation	Monitoring Type	Compliance	Cont or Int	Days out of compliance / Comments
Glass Production	BAAQMD Cond #11930, part 1	125,000 ton/yr	BAAQMD Cond #11930, part 4a and 4c	Record Keeping	Y	C	

# SEMI-ANNUAL TITLE V MONITORING REPORT

## Applicable Limits, Compliance Monitoring Requirements, and Status S11, GLASS MELTING FURNACE "D" NATURAL GAS FIRED

Type of Limit	Emission Limit Citation	Emission Limit	Monitoring Requirement Citation	Monitoring Type	Compliance	Con or Int	Days out of compliance / Comments
Opacity	BAAQMD 6-301	Ringelmann 1.0 ≤ 3 min/hr	BAAQMD 6-501, BAAQMD Cond # 11930, part 8	Continuous Opacity Monitor	Y	I	2 / see appendix
	BAAQMD 6-302	20% opacity	BAAQMD 6-501, BAAQMD Cond # 11930, part 8	Continuous Opacity Monitor	Y	I	2 / see appendix
FP	BAAQMD 6-310	0.15 gr/dscf	BAAQMD Cond # 11930, part 7	Annual Source Test	Y	C	
	BAAQMD 6-311	40 lb/hr	BAAQMD Cond # 11930, part 7	Annual Source Test	Y	C	
NOx	BAAQMD 9-12-301	5.5 lb/ton	BAAQMD 9-12-404 and Condition #21614 part 8	Annual Source Test	Y	C	
	Condition #21614 part 5	4.0 lb/ton	Condition #21614 part 7	Continuous Emissions Monitor	Y	C	
CO	Condition #21614 part 6	0.70 lb/ton	Condition #21614 part 8	Annual Source Test	Y	C	

# SEMI-ANNUAL TITLE V MONITORING REPORT

## Applicable Limits, Compliance Monitoring Requirements, and Status S 11, GLASS MELTING FURNACE "D" NATURAL GAS FIRED

Type of limit	Emission Limit Citation	Emission Limit	Monitoring Requirement Citation	Monitoring Type	Compliance	Con or Int	Days out of compliance / Comments
SO2	BAAQMD 9-1-301	GLC of 0.5 ppm for 3 min. or 0.25 ppm for 60 min. or 0.05 ppm for 24 hours			Y	C	
	BAAQMD 9-1-302	Sulfur dioxide emission not to exceed 300 ppm (dry)	BAAQMD Cond # 11930, part 6	Annual Source Test	Y	C	
Lead	BAAQMD 11-1-301	15 lb/day	BAAQMD Cond # 11930, part 5	Annual Source Test	Y	C	
Lead	BAAQMD 11-1-302	GLC not to exceed 1.0 ug/cu. m., 24 hr. avg.			Y	C	
Glass Production	BAAQMD Cond #11930, part 1	125,000 ton/yr	BAAQMD Cond #11930, part 4b and 4c	Record keeping	Y	C	
Fuel Flow	Condition #21614 part 7		Condition #21614 part 7	Continuous Fuel Flow Meter	Y	C	

# SEMI-ANNUAL TITLE V MONITORING REPORT

## Applicable Limits, Compliance Monitoring Requirements, and Status S 12, GLASS MELTING FURNACE "E" NATURAL GAS FIRED

Type of Limit	Emission Limit Citation	Emission Limit	Monitoring Requirement Citation	Monitoring Type	Compliance	Cont or Int	Days out of compliance / Comments
Opacity	BAAQMD 6-301	Ringelmann 1.0 ≤/ = 3 min/hr	BAAQMD 6-501 BAAQMD Cond # 11931, part 6	Continuous Opacity Monitor	Y	C	
	BAAQMD 6-302	20% opacity	BAAQMD 6-501 BAAQMD Cond # 11931, part 6	Continuous Opacity Monitor	Y	C	
FP	BAAQMD 6-310	0.15 gr/dscf	BAAQMD Cond # 11931, part 5	Annual Source Test	Y	C	
	BAAQMD 6-310	40 lb/hr	BAAQMD Cond # 11931, part 5	Annual Source Test	Y	C	
NOx	BAAQMD 9-12-301	5.5 lb/ton	BAAQMD 9-12-405	Annual Source Test	Y	C	
	Condition #20003 part 5	4.0 lb/ton	Condition #20003 part 7	Continuous Emissions Monitor	Y	C	
CO	Condition #20003 part 6	0.7 lb/ton	Condition #20003 part 8	Annual Source Test	Y	C	

# SEMI-ANNUAL TITLE V MONITORING REPORT

## Applicable Limits, Compliance Monitoring Requirements, and Status S 12, GLASS MELTING FURNACE "E" NATURAL GAS FIRED

Type of limit	Emission Limit Citation	Emission Limit	Monitoring Requirement Citation	Monitoring Type	Compliance	Cont or Int	Days out of compliance / Comments
SO2	BAAQMD 9-1-301	GLC of 0.5 ppm for 3 min. or 0.25 ppm for 60 min. or 0.05 ppm for 24 hours			Y	C	
	BAAQMD 9-1-302	Sulfur dioxide emission not to exceed 300 ppm (dry)	BAAQMD Cond # 11931, part 4	Annual Source Test	Y	C	
Lead	BAAQMD 11-1-301	15 lb/day	BAAQMD Cond # 11930, part 3	Annual Source Test	Y	C	
	BAAQMD 11-1-302	GLC not to exceed 1.0 ug/cu. m., 24 hr. avg.			Y	C	
Glass Production	BAAQMD Condition #11931, part 1	110,000 ton/yr	BAAQMD Cond #11931, part 2	Record keeping	Y	C	
Fuel Flow	Condition #20003, part 7		Condition #20003, part 7	Continuous Fuel Flow Meter	Y	C	

# SEMI-ANNUAL TITLE V MONITORING REPORT

## Applicable Limits, Compliance Monitoring Requirements, and Status S-136, S-25, S-27, S-29, S-30, S-32, & S-33, HOT END BOTTLE SURFACE TREATMENT

Type of limit	Emission Limit Citation	Emission Limit	Monitoring Requirement Citation	Monitoring Type	Compliance	Cont or Int	Days out of compliance / Comments
Opacity	BAAQMD 6-301	Ringelmann 1.0 ≤/≠ 3 min/hr	BAAQMD 6-301	Pressure Drop monitoring	Y	C	
	BAAQMD 6-305	Ringelmann 1.0 ≤/≠ 3 min/hr	BAAQMD 6-305	Visual	Y	C	
Weight	BAAQMD 6-310	0.15 gr/dscf	BAAQMD 6-310	Source Test	Y	C	
Appearance	BAAQMD 6-401	Visual	BAAQMD 6-401	Visual	Y	C	
Throughput	BAAQMD Condition #23142, part 1	950 gal/yr per source	BAAQMD Condition #23142, part 1	Record keeping	Y	C	
	BAAQMD Condition #23142, part 2	0.62 #POC/gal. 0.55#PM/gal. 0.058#HCl/gal.	BAAQMD Condition #23142, part 2	Source Test	Y	C	
	BAAQMD Condition #23142, part 3	0.85#NH3/hr	BAAQMD Condition #23142, part 3	Source Test	Y	C	
	BAAQMD Condition #23142, part 4	0.62 #POC/gal. 0.55#PM/gal. 0.058#HCl/gal. 0.85#NH3/hr	BAAQMD Condition #23142, part 4	Record keeping	Y	C	



# SEMI-ANNUAL TITLE V MONITORING REPORT

## Applicable Limits, Compliance Monitoring Requirements, and Status S-39, RAW MATERIAL UNLOADING STATION, S-57, ECOLOGY CULLET ELEVATOR, S-135, S-76, S-77, S-79, S-80, S-83 and S-84, FORMING MACHINES

Type of limit	Emission Limit Citation	Emission Limit	Monitoring Requirement Citation	Monitoring Type	Compliance	Cont or Int	Days out of compliance / Comments
Opacity	BAAQMD 6-301	Ringelmann 1.0 ≤ 3 min/hr	BAAQMD Condition # 15855 part 2	Visible emission monitoring	Y	C	

# SEMI-ANNUAL TITLE V MONITORING REPORT

**Applicable Limits, Compliance Monitoring Requirements, and Status  
 S-41 & 42, BATCH MIXERS A & B, S-48, LIME STORAGE BINS,  
 S-50, SODA ASH STORAGE BINS, S-52, SAND STORAGE BINS,  
 S-56, CULLET STORAGE BINS, S-58, SALT CAKE STORAGE AREA,**

Type of limit	Emission Limit Citation	Emission Limit	Monitoring Requirement Citation	Monitoring Type	Compliance	Cont or Int	Days out of compliance / Comments
Opacity	BAAQMD 6-301	Ringelmann 1.0 ≤/ = 3 min/hr	BAAQMD Condition # 16591, parts 2 and 3	Pressure Drop monitoring	Y	C	
	BAAQMD 6-301	Ringelmann 1.0 ≤/ = 3 min/hr	BAAQMD Condition # 16591, part 4	Annual inspection	Y	C	
FP	BAAQMD 6-310	0.15 gr/dscf	BAAQMD Condition # 16591, parts 2 and 3	Pressure Drop monitoring	Y	C	
	BAAQMD 6-310	0.15 gr/dscf	BAAQMD Condition # 16591, part 4	Annual inspection	Y	C	
FP	BAAQMD 6-311	4.10P <sup>0.67</sup> lb/hr, where P is process weighl, ton/hr	BAAQMD Condition # 16591, parts 2 and 3	Pressure Drop monitoring	Y	C	
	BAAQMD 6-311	4.10P <sup>0.67</sup> lb/hr, where P is process weighl, ton/hr	BAAQMD Condition # 16591, part 4	Annual inspection	Y	C	
Pressure Drop	BAAQMD Condition # 16591, parts 2	1" – 15" WC	BAAQMD Condition # 16591, parts 3	Pressure Drop monitoring	Y	C	

# SEMI-ANNUAL TITLE V MONITORING REPORT

## Applicable Limits, Compliance Monitoring Requirements, and Status S-43, CULLETT CRUSHER, S-44, SAND ELEVATOR

Type of limit	Emission Limit Citation	Emission Limit	Monitoring Requirement Citation	Monitoring Type	Compliance	Cont or Int	Days out of compliance / Comments
Opacity	BAAQMD 6-301	Ringelmann 1.0 <math>\leq 3 \text{ min/hr}</math>			Y	C	
FP	BAAQMD 6-310	0.15 gr/dscf			Y	C	
FP	BAAQMD 6-311	4.10P <sup>0.67</sup> lb/hr, where P is process weight, ton/hr			Y	C	

# SEMI-ANNUAL TITLE V MONITORING REPORT

## Applicable Limits, Compliance Monitoring Requirements, and Status S-63, MOLD REPAIR SHOP

Type of limit	Emission Limit Citation	Emission Limit	Monitoring Requirement Citation	Monitoring Type	Compliance	Cont or Int	Days out of compliance / Comments
VOC	none	none	BAAQMD 8-16-501.2	Record Keeping	Y	C	

## Applicable Limits, Compliance Monitoring Requirements, and Status S-67, MOLD REPAIR COATING OVEN

Type of limit	Emission Limit Citation	Emission Limit	Monitoring Requirement Citation	Monitoring Type	Compliance	Cont or Int	Days out of compliance / Comments
TSP	BAAQMD 6-301	Ringelmann 1.0 </= 3 min/hr	BAAQMD Cond # 15855 part 2	Visible emission monitoring	Y	C	
FP	BAAQMD 6-310	0.15 gr/dscf			Y	C	
VOC	BAAQMD 8-2-301	15 pounds per day and 300 ppm carbon			Y	C	

# SEMI-ANNUAL TITLE V MONITORING REPORT

## Applicable Limits, Compliance Monitoring Requirements, and Status S-97 BALER

Type of limit	Emission Limit Citation	Emission Limit	Monitoring Requirement Citation	Monitoring Type	Compliance	Cont or Int	Days out of compliance / Comments
Opacity	BAAQMD 6-301	Ringelmann 1.0 <= 3 min/hr	BAAQMD Condition # 16592, part 3	Visible emission monitoring	Y	C	
FP	BAAQMD 6-310	0.15 gr/dscf	BAAQMD Condition # 16592, part 3	Visible emission monitoring	Y	C	
	BAAQMD 6-311	4.10P <sup>0.67</sup> lb/hr, where P is process weight, ton/hr	BAAQMD Condition # 16592, part 3	Visible emission monitoring	Y	C	

# SEMI-ANNUAL TITLE V MONITORING REPORT

**Applicable Limits, Compliance Monitoring Requirements, and Status**  
**S-130 Emergency Electric Generator, Natural Gas Fired, 188hp**  
**S-131 Diesel Engine, Emergency Standby, 335 hp**  
**S-132 Diesel Engine, Emergency Standby, 610 hp**  
**S-133 Diesel Engine, Emergency Standby, 369 hp**

Type of limit	Emission Limit Citation	Emission Limit	Monitoring Requirement Citation	Monitoring Type	Compliance	Cont or Int	Days out of compliance / Comments
Opacity	BAAQMD 6-303	Ringelmann 2.0 ≤ 3 min/hr	none	N/A	Y	C	
FP	BAAQMD 6-305	Visible Particulates	BAAQMD 6-601	Visual Inspection	Y	C	
	BAAQMD 6-310	0.15 gr/dscf		Visible emission monitoring	Y	C	
SO2	BAAQMD 9-1-304	Sulfur content of liquid fuel <or = 0.5% by weight	BAAQMD 9-1-502 and Condition 22050, parts 4 and 5	Fuel Certification	Y	C	
Records	BAAQMD 9-8-330	Hours of Operation	BAAQMD 9-8-530 and Condition 22050, part 1	Recordkeeping	Y	C	