Site#: A0030 **Site name:** Owens-Brockway Glass Container Inc. **Period:** 7/1/15 to 12/31/15

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	2, see Appendix, Table I
	BAAQMD 6-302	20% opacity	BAAQMD 6-501, BAAQMD Cond # 11930, part 8	Continuous Opacity Monitor	Y	I	2, see Appendix, Table I
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 3	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	
	BAAQMD 2-6-503	Sulfur dioxide emission not to exceed 300 ppm (dry)	BAAQMD Cond # 11930, part 10	Monthly Portable Analyzer	Y	C	
Lead	BAAQMD 11-1-301	15 lb/day	BAAQMD Cond # 11930, part 5	Annual Source Test	Y	C	

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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
	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 4a and 4c	Record keeping	Y	C	

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
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, Table I
	BAAQMD 6-302	20% opacity	BAAQMD 6-501, BAAQMD Cond # 11930, part 8	Continuous Opacity Monitor	Y	I	2, see Appendix, Table I
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	

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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
CO	Condition #21614 part 6	0.70 lb/ton	Condition #21614 part 10	Monthly Portable Analyzer	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	
	BAAQMD 2-6-503	Sulfur dioxide emission not to exceed 300 ppm (dry)	BAAQMD Cond # 11931, part 8	Monthly Portable Analyzer	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	

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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
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	

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	

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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
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	
CO	Condition #20003 part 6	0.7 lb/ton	Condition #20003 part 10	Monthly Portable Analyzer	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	

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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
	BAAQMD 9-1-302	Sulfur dioxide emission not to exceed 300 ppm (dry)	BAAQMD Cond # 11931, part 4	Annual Source Test	Y	C	
	BAAQMD 9-1-302	Sulfur dioxide emission not to exceed 300 ppm (dry)	BAAQMD Cond # 11931, part 8	Monthly Portable Analyzer	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 Condition #23142, part 6	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 6-1-310 6-1-311	0.62 #POC/gal. 0.55#PM/gal. 0.058#HCl/gal. 0.85#NH3/hr	BAAQMD Condition #23142, part 5	Source Test	Y	C	
	BAAQMD Condition #23142, part 1	0.62 #POC/gal. 0.55#PM/gal.	BAAQMD Condition #23142, part 3	Source Test	Y	C	
	BAAQMD Condition #23142, part 2	0.058#HCl/gal. 0.85#NH3/hr	BAAQMD Condition #23142, part 4	Source Test	Y	C	
	BAAQMD Condition #23142, part 2	0.62 #POC/gal. 0.058#HCl/gal	BAAQMD Condition #23142, part 10	Tracer Test	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
	BAAQMD Condition #23142, part 1	950 gal/yr per source	BAAQMD Condition #23142, part 8	Record keeping	Y	C	

Applicable Limits, Compliance Monitoring Requirements, and Status
S-39, RAW MATERIAL UNLOADING STATION, S-57, ECOLOGY CULLET 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 <= 3 min/hr	BAAQMD Condition # 15855 part 2	Visible emission monitoring	Y	C	

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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	$4.10P^{0.67}$ lb/hr, where P is process weight, ton/hr	BAAQMD Condition # 16591, parts 2 and 3	Pressure Drop monitoring	Y	C	
	BAAQMD 6-311	$4.10P^{0.67}$ lb/hr, where P is process weight, 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	

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Applicable Limits, Compliance Monitoring Requirements, and Status
S-43, CULLET 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 <= 3 min/hr			Y	C	
FP	BAAQMD 6-310	0.15 gr/dscf			Y	C	
FP	BAAQMD 6-311	$4.10P^{0.67}$ lb/hr, where P is process weight, ton/hr			Y	C	

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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	

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	

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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
FP	BAAQMD 6-310	0.15 gr/dscf	BAAQMD Condition # 16592, part 3	Visible emission monitoring	Y	C	
	BAAQMD 6-311	$4.10P^{0.67}$ 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	Recordkeeping	Y	C	
Hours of Operation	BAAQMD 9-8-330.1	Emergency use for an unlimited number of hours	BAAQMD 9-8-530	Recordkeeping	Y	C	
Hours of Operation	40 CFR 63, Subpart ZZZZ, 63.6640 (f)(I)(ii)	Maintenance checks and readiness testing less than 100 hr/yr	40 CFR 63, Subpart ZZZZ, 63.6655(e)	Recordkeeping	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
Hours of Operation	BAAQMD Condition #22820, part 1	Reliability related activities less than 20 hr/yr	BAAQMD Condition #22820, part 3 & 4	Recordkeeping	Y	C	
Hours of Operation	ATCM Section 93115.6(b)	Reliability related activities less than 20 hr/yr	BAAQMD Condition #22820, part 3 & 4	Recordkeeping	Y	C	