

CLARK COUNTY
DEPARTMENT OF AIR QUALITY
4701 West Russell Road, Suite 200, Las Vegas, Nevada 89118

Part 70 Operating Permit

Source: 75

Issued in accordance with the
Clark County Air Quality Regulations (AQR)

ISSUED TO: AQUATIC CO.

SOURCE LOCATION:

201 N. Meadow Valley Road
Moapa, Nevada 89025
T14S, R66E, Section 29
Hydrographic Area: 218

COMPANY ADDRESS:

Aquatic Co.
8101 E Kaiser Boulevard, Suite 200
Anaheim, CA 92808

NATURE OF BUSINESS:

SIC: 3088: Plastic Plumbing Fixtures
NAICS: 326191: Bathroom and Toilet Accessories, Plastic Manufacturing

RESPONSIBLE OFFICIAL:

Name: Steve Dowler
Title: Plant Manager
Phone: (702) 864-2100
Fax Number: (702) 864-2130

Permit Issuance Date: May 16, 2014

Expiration Date: May 15, 2019

ISSUED BY: CLARK COUNTY DEPARTMENT OF AIR QUALITY



Lewis Wallenmeyer
Director, Department of Air Quality

EXECUTIVE SUMMARY

Aquatic Co. is a bathware manufacturing operation located at 201 N. Meadow Valley Road, Moapa, Nevada. The legal description of the location of the source is as follows: a portion of Section 29, T14S, R66E, in Moapa Valley, County of Clark, Nevada. Aquatic Co. is located in hydrographic area 218 (California Wash). California Wash is designated as PSD area for all regulated air pollutants. Aquatic Co. is a major source for HAP and is minor for all other regulated air pollutants.

Bathware fixtures at Aquatic Co. are produced in continuous assembly lines by laminating a mixture of thermosetting plastic resin and other inert materials into a mold. The finished products are Fiber Reinforced Polyester (FRP). The Source is subject to 40 CFR 63 Subpart WWWW - National Emission Standards for Hazardous Air Pollutants: Reinforced Composites Production. The Permittee is required to meet 95 percent overall reductions of HAP emissions based on NSR requirements. These requirements are met through the utilization of rotary preconcentrators and RTO as add-on control devices. This Part 70 Operating Permit renewal is based on the application submitted on July 5, 2013, and the Part 70 Operating Permit issued on July 13, 2012.

The following table summarizes the source PTE for each regulated air pollutant for all emission units addressed by this Part 70 Operating Permit and is for reference purposes only and is not intended to be enforced by direct measurement unless otherwise noted in Section III of this permit.

Table 1: Source-Wide PTE in Tons per Year

Pollutant	PM ₁₀	PM _{2.5}	NO _x	CO	SO _x	VOC	HAP	H ₂ S	Pb	GHG
Source Totals	0.69	0.51	9.47	3.18	0.24	49.42	45.67	0	0	6,025

Pursuant to AQR 12.5 all terms and conditions in Sections I through IV and the attachments in this operating permit are federally enforceable unless explicitly denoted otherwise.

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I. ACRONYMS

Table I-1: List of Acronyms and Abbreviations

Acronym	Term
Air Quality	Clark County Department of Air Quality
AQR	Clark County Air Quality Regulations
AST	Aboveground Storage Tank
BCC	Clark County Board of County Commissioners
CAA	Clean Air Act
CAO	Field Corrective Action Order
CE	Control Efficiency
CEM	Continuous Emissions Monitoring System
CF	Control Factor
CFR	United States Code of Federal Regulations
CO	Carbon Monoxide
CPI	Urban Consumer Price Index
CPMS	Continuous Parameter Monitoring System
EF	Emission Factor
EPA	United States Environmental Protection Agency
EU	Emission Unit
EVR	Enhanced Vapor Recovery
GDO	Gasoline Dispensing Operation
HAP	Hazardous Air Pollutant
HP	Horse Power
MACT	Maximum Achievable Control Technology
MMBtu	Millions of British Thermal Units
NAC	Nevada Administrative Code
NEI	Net Emission Increase
NO _x	Nitrogen Oxides
NOV	Notice of Violation
NRS	Nevada Revised Statutes
NSPS	New Source Performance Standards
NSR	New Source Review
OP	Operating Permit
PM ₁₀	Particulate Matter less than 10 microns
PM _{2.5}	Particulate Matter less than 2.5 microns
ppm	Parts per Million
PSD	Prevention of Significant Deterioration
PTE	Potential to Emit
RTO	Regenerative Thermal Oxidizer
scf	Standard Cubic Feet
SIP	State Implementation Plan
SO _x	Sulfur Oxides
TSD	Technical Support Document
UST	Underground Storage Tank
USGS	United States Geological Survey
UTM	Universal Transverse Mercator
VOC	Volatile Organic Compound
VOL	Volatile Organic Liquid

II. GENERAL CONDITIONS

A. General Requirements

1. The Permittee must comply with all conditions of the Part 70 Operating Permit. Any permit noncompliance may constitute a violation of the AQRs, Nevada law, and the CAA, and is grounds for any of the following: enforcement action; permit termination; revocation and re-issuance; revision; or denial of a permit renewal application. *[AQR 12.5.2.6(g)(1)]*
2. If any term or condition of this permit becomes invalid as a result of a challenge to a portion of this permit, the other terms and conditions of this permit shall not be affected and shall remain valid. *[AQR 12.5.2.6(f)]*
3. The Permittee shall pay all permit fees pursuant to AQR Section 18. *[AQR 12.5.2.6(h)]*
4. The permit does not convey any property rights of any sort, or any exclusive privilege. *[AQR 12.5.2.6(g)(4)]*
5. The Permittee shall not hinder, obstruct, delay, resist, interfere with, or attempt to interfere with the Control Officer, or any individual to whom authority has been duly delegated for the performance of any duty by the AQR. *[AQR 5.1.1]*
6. The Permittee shall allow the Control Officer upon presentation of credentials: *[AQR 4.3 and 12.5.2.8(b)]*
 - a. entry upon the Permittee's premises where the source is located, or emissions-related activity is conducted, or where records must be kept under the conditions of the permit;
 - b. access to inspect and copy, at reasonable times, any records that must be kept under conditions of the permit;
 - c. access to inspect, at reasonable times, any facilities, equipment (including monitoring and air pollution control equipment), practices, or operations regulated or required under the permit; and
 - d. access to sample or monitor, at reasonable times, substances or parameters for the purpose of assuring compliance with the permit or applicable requirements.
7. Any Permittee who fails to submit any relevant facts or who has submitted incorrect information in a permit application shall, upon becoming aware of such failure or incorrect submittal, promptly submit such supplementary facts or corrected information. In addition, the Permittee shall provide additional information as necessary to address any requirements that become applicable to the source after the date it filed a complete application but prior to release of a draft permit. A responsible official shall certify the additional information consistent with the requirements of AQR Section 12.5.2.4. *[AQR 12.5.2.2]*
8. The Permittee who has been issued a permit under Section 12.5 shall post such permit in a location which is clearly visible and accessible to the facility's employees and representatives of the department. *[AQR 12.5.2.6(m)]*

B. Modification, Revision, Renewal Requirements

1. No person shall begin actual construction of a New Part 70 source, or modify or reconstruct an existing Part 70 source that falls within the preconstruction review applicability criteria, without first obtaining an Authority to Construct Permit from the Control Officer *[AQR 12.4.1.1(a)]*

2. The permit may be revised, revoked, reopened and reissued, or terminated for cause. The filing of a request by the Permittee for a permit revision, revocation, reissuance, or termination, or of a notification of planned changes or anticipated noncompliance does not stay any permit condition. *[AQR 12.5.2.6(g)(3)]*
3. A permit, permit revision, or renewal may be approved only if all of the following conditions have been met: *[AQR 12.5.2.10(a)]*
 - a. The Permittee has submitted to the Control Officer a complete application for a permit, permit revision, or permit renewal, except that a complete application need not be received before a Part 70 general permit is issued pursuant to Section 12.5.2.20; and
 - b. The conditions of the permit provide for compliance with all applicable requirements and the requirements of Section 12.5.
4. The Permittee shall not build, erect, install or use any article, machine, equipment or other contrivance, the use of which, without the total release of air contaminants to the atmosphere reduces or conceals an emission, which would otherwise constitute a violation of an applicable requirement. *[AQR 80.1 and 40 CFR 60.12]*
5. No permit revisions shall be required under any approved economic incentives, marketable permits, emissions trading and other similar programs or processes for changes that are provided for in the permit. *[AQR 12.5.2.6(i)]*
6. Permit expiration terminates the Permittee's right to operate unless a timely and complete renewal application has been submitted. *[AQR 12.5.2.11(b)]*
7. For purposes of permit renewal, a timely application is a complete application that is submitted at least six (6) months and not greater than eighteen (18) months prior to the date of permit expiration. If a source submits a timely application under this provision, it may continue operating under its current Part 70 Operating Permit until final action is taken on its application for a renewed Part 70 Operating Permit. *[AQR 12.5.2.1(a)(2)]*

C. Reporting/Notifications/Providing Information Requirements

1. The Permittee shall submit all reports to the Control Officer. *[AQR 12.5.2.8(e)(4)]*
2. Any application form, report, or compliance certification submitted pursuant to the permit or AQRs shall contain certification by a responsible official of truth, accuracy, and completeness. This certification and any other certification required under AQR 12.5 shall state that, based on information and belief formed after reasonable inquiry, the statements and information in the document are true, accurate, and complete. *[AQR 12.5.2.6(l)]*
3. The Permittee shall furnish to the Control Officer, within a reasonable time, any information that the Control Officer may request in writing to determine whether cause exists for revising, revoking and reissuing, or terminating the permit, or to determine compliance with the permit. Upon request, the Permittee shall also furnish to the Control Officer copies of records required to be kept by the permit or, for information claimed to be confidential, the Permittee may furnish such records directly to the Administrator along with a claim of confidentiality. *[AQR 12.5.2.6(g)(5)]*
4. Upon request of the Control Officer, the Permittee shall provide such information or analyses as will disclose the nature, extent, quantity or degree of air contaminants which are or may be discharged by such source, and type or nature of control equipment in use, and the Control Officer may require such disclosures be certified by a professional

engineer registered in the state. In addition to such report, the Control Officer may designate an authorized agent to make an independent study and report as to the nature, extent, quantity or degree of any air contaminants which are or may be discharged from the source. An authorized agent so designated is authorized to inspect any article, machine, equipment, or other contrivance necessary to make the inspection and report. [AQR 4.4]

5. The Permittee shall submit annual emissions inventory reports based on the following: [AQR 18.6.1]
 - a. The annual emissions inventory must be submitted to Air Quality by March 31 of each calendar year; and
 - b. The report shall include the emission factors and calculations used to determine the emissions from each permitted emission unit, even when an emission unit is not operated.

D. Compliance Requirements

1. The Permittee shall not use as a defense in an enforcement action that it would have been necessary to halt or reduce the permitted activity in order to maintain compliance with the conditions of this permit. [AQR 12.5.2.6(g)(2)]
2. Any person who violates any provision of AQR, including, but not limited to, any application requirement; any permit condition; any fee or filing requirement; any duty to allow or carry out inspection, entry or monitoring activities or any requirements by Air Quality is guilty of a civil offense and shall pay civil penalty levied by the Air Pollution Control Hearing Board and/or the Hearing Officer of not more than \$10,000. Each day of violation constitutes a separate offense. [AQR 9.1]
3. Any person aggrieved by an order issued pursuant to AQR 9.1 is entitled to review as provided in Chapter 233B of NRS. [AQR 9.12]
4. The Permittee shall comply with the requirements of 40 CFR 61, Subpart M, of the National Emission Standard for Asbestos for all demolition and renovation projects. [AQR 13.1(b)(8)]
5. The Permittee shall submit compliance certifications annually in writing to the Control Officer (4701 W Russell Road, Suite 200, Las Vegas, NV 89118) and the Administrator at USEPA Region IX (Director, Air and Toxics Divisions, 75 Hawthorne St., San Francisco, CA 94105). A compliance certification for each year will be due on January 30th of the following year and shall include the following: [AQR 12.5.2.8(e)]
 - a. The identification of each term or condition of the permit that is the basis of the certification;
 - b. The identification of the methods or other means used by the Permittee for determining the compliance status with each term and condition during the certification period. The methods and means shall include, at a minimum, the monitoring and related recordkeeping and reporting requirements described in 40 CFR 70.6(a)(3). If necessary, the Permittee shall also identify any other material information that must be included in the certification to comply with Section 113(c)(2) of the Act, which prohibits knowingly making a false certification or omitting material information; and

- c. The status of compliance with the terms and conditions of the permit for the period covered by the certification, including whether compliance during the period was continuous or intermittent. The certification shall be based on the methods or means designated in subsection II.D.5(b). The certification shall identify each deviation and take it into account in the compliance certification. The certification shall also identify, as possible exceptions to compliance, any periods during which compliance is required and in which an excursion or exceedance, as defined under 40 CFR Part 64, occurred.
6. The Permittee shall report to the Control Officer (4701 West Russell Road, Suite 200, Las Vegas, NV 89118) any upset, breakdown, malfunction, emergency or deviation which cause emissions of regulated air pollutants in excess of any limits set by regulation or by this permit. The report shall be in two parts as specified below: *[AQR 12.5.2.6(d)(4)(B) and AQR 25.6.1]*
 - a. within twenty-four (24) hours of the time the Permittee learns of the excess emissions, the report shall be communicated by phone (702) 455-5942, fax (702) 383-9994, or email: airquality@clarkcountynv.gov.
 - b. within seventy-two (72) hours of the notification required by paragraph (a) above, the detailed written report containing the information required by AQR Section 25.6.3 shall be submitted.
 7. The Permittee shall report to the Control Officer with the semi-annual monitoring report all deviations from permit conditions that do not result in excess emissions, including those attributable to malfunction, startup, or shutdown. Reports shall identify the probable cause of each deviation and any corrective actions or preventative measures taken. *[AQR 12.5.2.6(d)(4)(B)]*
 8. The owner or operator of any source required to obtain a permit under Section 12 shall report to the Control Officer emissions that are in excess of an applicable requirement or emission limit that pose a potential imminent and substantial danger to public health, safety or the environment as soon as possible, but in no case later than twelve (12) hours after the deviation is discovered, with a written report submitted within two (2) days of the occurrence. *[AQR 25.6.2]*

E. Performance Testing Requirements

1. Upon request of the Control Officer, the Permittee shall test or have tests performed to determine the emissions of air contaminants from any source whenever the Control Officer has reason to believe that an emission in excess of that allowed by the Air Quality regulations is occurring. The Control Officer may specify testing methods to be used in accordance with good professional practice. The Control Officer may observe the testing. All tests shall be conducted by reputable, qualified personnel. *[AQR 4.5]*
2. Upon request of the Control Officer, the Permittee shall provide necessary holes in stacks or ducts and such other safe and proper sampling and testing facilities, exclusive of instruments and sensing devices, as may be necessary for proper determination of the emission of air contaminants. *[AQR 4.6]*
3. The Permittee shall submit for approval a performance testing protocol which contains testing, reporting, and notification schedules, test protocols, and anticipated test dates to the Control Officer (4701 West Russell Road, Suite 200, Las Vegas, NV 89118) not less than 45 nor more than 90 days prior to the anticipated date of the performance test, unless an alternate timeline is approved by the Control Officer. *[AQR 12.5.2.8]*

4. The Permittee shall submit to EPA for approval any alternative test methods that are not already approved by EPA, to demonstrate compliance with a requirement under 40 CFR Part 60. *[40 CFR 60.8(b)]*
5. The Permittee shall submit a report describing the results of each performance test to the Control Officer within 60 days from the end of the performance test. *[AQR 12.5.2.8]*

III. EMISSION UNITS AND APPLICABLE REQUIREMENTS

A. Emission Units

- The stationary source covered by this Part 70 OP is defined to consist of the emission units and associated appurtenances summarized in Table III-A-1. *[NSR ATC/OP Modification 4, Condition II-A (10/25/06) and Part 70 Revision, Condition III-A-1 (07/13/12)]*

Table III-A-1: List of Emission Units

EU	Description	Manufacturer	Model No.	Serial No.	Control Method
A01	Spray Booth; Line 1	Custom Design		A07501	Preconcentrator and RT0
A02	Air Heater; Line 1; 6.3 MMBtu/hr	Hasting	SBD-233	47514-2	
A04	Spray Booth; Line 1	Custom Design		A07504	Preconcentrator and RT0
A05	Spray Booth; Line 1	Custom Design		A07505	Preconcentrator and RT0
A06	Air Heater; Line 1; 4.8 MMBtu/hr	Hasting	SBD-227	47516-2	
A07	Spray Booth; Line 1	Custom Design		A07507	Preconcentrator and RT0
A08	Grinding Booth; Line 1	Custom Design		A07508	
A09	Spray Booth; Line 2	Custom Design		A07509	Preconcentrator and RT0
A10	Air Heater; Line 2; 6.3 MMBtu/hr	Hasting	SBD-233	48647	
A11	Spray Booth; Line 2	Custom Design		A07511	Preconcentrator and RT0
A12	Air Heater; Line 2; 4.8 MMBtu/hr	Hasting	SBD-227	59325	
A13	Spray Booth; Line 2	Custom Design		A07513	Preconcentrator and RT0
A14	Cure Tunnel Heaters (5); Line 2; 0.99 MMBtu/hr (each)	Eclipse	RM-100		
A15	Spray Booth; Line 2	Custom Design		A07515	Preconcentrator and RT0
A17A	Trim Saws (2)			A07517	Dust Collector
A20	Air Heater; Line 1; 0.36 MMBtu/hr	Hastings	SBD-112 (EC-40)		
A21	Mixer	Autocon/Myer		Las3	Preconcentrator and RT0
A22	Mixer	Myer		800A-20-1180	Preconcentrator and RT0
A23	Storage Silo (CaSO ₄)				Binvent
A24	Holding Tank Room (Lam 2 & 3)				Preconcentrator and RT0
A25	Holding Tank Room (BC and Lam 1)				Preconcentrator and RT0
A26	Gelcoat Room; Line 1				Preconcentrator and RT0
A27	Gelcoat Room; Line 2				Preconcentrator

EU	Description	Manufacturer	Model No.	Serial No.	Control Method
					and RT0
A31	Mold Preparation; Line 1				Preconcentrator and RT0
A35	Mold Preparation; Line 2				Preconcentrator and RT0
A37	Part Repair				
A38	Virgin Resin Storage Tank				
A39	Putty Mixer	Myer			Preconcentrator and RT0
A40	Protective Coating Booth				
A42	Preconcentrators and RTO Control Devices	AIREX Corporation		227825OR TO2064	
B01	Fire Pump	Patterson		94FP0732 8-L8	Turbocharger and Aftercooler
	Diesel Engine; 341 hp; DOM: 1994	Detroit Diesel	DDFPT6VT7363F		

Table III-A-2: Insignificant Emission Units

Description
Part Demolding, Lines 1 and 2
(4) Noritz Hot Water Heaters, 0.236 MMBtu/hr, M/N: N-084M-DV
(2) State How Water Heaters, 0.199 MMBtu/hr, M/N: SBD100199PET

B. Emission Limitations and Standards**1. Emission Limits**

- a. The Permittee shall not allow actual emissions from each emission unit to exceed the PTE listed in Table III-B-1, based on a 12-month rolling total. *[NSR ATC/OP Modification 4, Condition II-B (10/25/06); Part 70 Revision, Condition III-B-1-a (07/13/12)]*

Table III-B-1: Emission Unit PTE (tons per year)

EU	PM ₁₀	PM _{2.5}	NO _x	CO	SO ₂	VOC incl. HAP	HAP
A01	Included with EU A42						
A02	0.03	0.03	1.06	0.14	0.01	0.04	0.02
A04	Included with EU A42						
A05	Included with EU A42						
A06	0.02	0.02	0.81	0.11	0.01	0.03	0.01
A07	Included with EU A42						
A08	0.15	0.00	0.00	0.00	0.00	0.00	0.00
A09	Included with EU A42						
A10	0.03	0.03	1.06	0.14	0.01	0.04	0.02
A11	Included with EU A42						
A12	0.02	0.02	0.81	0.11	0.01	0.03	0.01
A13	Included with EU A42						
A14	0.02	0.02	0.81	0.11	0.01	0.03	0.01
A15	Included with EU A42						
A17A	0.01	0.00	0.00	0.00	0.00	0.00	0.00
A20	0.01	0.00	0.06	0.01	0.01	0.01	0.01

EU	PM ₁₀	PM _{2.5}	NO _x	CO	SO ₂	VOC incl. HAP	HAP
A21	Included with EU A42						
A22	Included with EU A42						
A23	0.01	0.00	0.00	0.00	0.00	0.00	0.00
A24	Included with EU A42						
A25	Included with EU A42						
A26	Included with EU A42						
A27	Included with EU A42						
A31	Included with EU A42						
A35	Included with EU A42						
A37	0.00	0.00	0.00	0.00	0.00	1.00	1.00
A38	0.00	0.00	0.00	0.00	0.00	0.10	0.10
A39	Included with EU A42						
A40	0.00	0.00	0.00	0.00	0.00	3.30	0.00
A42	0.20	0.20	2.22	1.98	0.01	44.63	44.48
B01	0.19	0.19	2.64	0.57	0.17	0.21	0.01

- b. The Permittee shall not allow actual emissions from each emission unit to exceed the PTE listed in Table III-B-2. *[NSR ATC/OP Modification 4, Condition II-B (10/25/06)]*

Table III-B-2: Combined PTE of Preconcentrators and RTO (pounds per hour)¹

EU	Description	VOC incl. HAP	HAP
A42	RTO	14.84	14.83
Precon+RTO		14.84	14.83

¹ RTO emissions are based on fuel usage, heat value of process air and overall capture and control efficiency of 95% for VOC and HAPs. Emissions from two Preconcentrators and the RTO occur through two stacks.

- c. The Permittee shall meet the organic HAP emissions limits in Table 3 of 40 CFR 63 Subpart WWWW for all the open molding operations at the source, regardless of the quantity of HAP emitted. The applicable emission limits from Table 3 based on the operation types at the source is provided in Table III-B-3. *[40 CFR 63.5805(a)(2)]*

Table III-B-3: Applicable Emission Limits from Table 3 to 40 CFR 63 Subpart WWWW Based on the Operation Types at the Source

Line Item # From Table 3 to 40 CFR 63 Subpart WWWW	Operation Type	Application Type	Organic HAP Emissions Limit
2.a	open molding—non-corrosion-resistant and/or high strength (CR/HS)	mechanical resin application	88 lb/ton
3.a	open molding—tooling	mechanical resin application	254 lb/ton
6.a	open molding—gel coat	tooling gel coating	440 lb/ton
6.b	open molding—gel coat	white/off white pigmented gel	267 lb/ton
6.c	open molding—gel coat	all other pigmented gel coating	377 lb/ton

- d. The Permittee shall not discharge into the atmosphere, from any emission unit, any air contaminant in excess of an average of 20 percent opacity for a period of more than 6 consecutive minutes. *[AQR 26.1.1]*

2. Production Limits

- a. The Permittee shall limit the operation of each air heater at the source to 2,200 hours per year. *[NSR ATC/OP Modification 4, Condition III-A-2 (10/25/06)]*
- b. The Permittee shall limit the amount of Styrene from the application of styrene-containing resins such as gelcoat, laminate and barriercoat to 1,290 lbs per hour, based on a daily average, and 4,645 tons per rolling 12-months. *[NSR ATC/OP Modification 4, Condition III-A-3 (10/25/06)]*
- c. The Permittee shall limit the use of propane fuel by all fuel burning equipment other than the RTO to 662,645 gallons per rolling 12-months. *[NSR ATC/OP Modification 4, Condition III-A-4 (10/25/06)]*
- d. The Permittee shall limit the amount of propane to 193,596 gallons per rolling 12-months, including startups and idling, for the RTO for the oxidation of process air from the source. *[NSR ATC/OP Modification 4, Condition III-A-5 (10/25/06)]*
- e. The Permittee shall use styrene-containing resins (polyester resin, gelcoat and barrier coat) for bathware manufacturing only in the spray booths in production Lines 1 and 2, which are equipped with permanent total enclosures and add-on control and the part repair area (EU: A37). *[NSR ATC/OP Modification 4, Condition III-B-1 (10/25/06)]*
- f. The Permittee shall limit the operation of the fire pump for testing and maintenance purposes to 100 hours per year. The Permittee may operate the fire pump up to 50 hours per year for nonemergency situations, but those hours count towards the 100 hours provided for testing and maintenance. The 50 hours per year for nonemergency situations cannot be used for peak shavings or to generate income for the facility (EU: B01). *[40 CFR 63.6640(f)]*

3. Emission Controls

- a. The Permittee shall limit styrene-containing resins to a maximum styrene content of 36 percent for gelcoat, 42 percent for barriercoat, and 49 percent for laminate, by weight, as received. *[NSR ATC/OP Modification 4, Condition III-B-8 (10/25/06)]*
- b. The Permittee shall vent all exhaust from emission units A01, A04, A05, A07, A019, A11, A13, A15, A21, A22, A24 through A27, A31, A35, and A39 through preconcentrators and the RTO (EU: A42) and shall be 100 percent captured using a permanent total enclosure. *[NSR ATC/OP Modification 4, Condition III-B-2 (10/25/06)]*
- c. The Permittee shall operate the preconcentrators and the RTO at all times when the molding process for bathware manufacturing is being performed at the source or when emissions are vented to them. *[40 CFR 63.988(a)(2) NSR ATC/OP Modification 4, Condition III-A-6 (10/25/06)]*
- d. The Permittee shall operate the preconcentrators and the RTO in such a way that the add-on control devices demonstrate a combined minimum control efficiency of 95 percent. *[NSR ATC/OP Modification 4, Condition III-B-3 (10/25/06)]*
- e. The Permittee shall operate the preconcentrators and the RTO according to the Operation and Maintenance (O&M) manual. A copy of the O&M manual shall be kept in the RTO control room or must be made available on-site for inspection. *[NSR ATC/OP Modification 4, Condition III-B-6 (10/25/06)]*

- f. The Permittee shall operate the RTO at a temperature between 1,600 °F and 2,000 °F (averaged over 10 minutes). The RTO shall be equipped with a low temperature alarm (Allen Bradley PLC) whose set point is the minimum operating temperature of 1,600 °F. *[40 CFR 64, 40 CFR 63.988(c)(6), and NSR ATC/OP Modification 4, Condition III-B-4 (10/25/06)]*
- g. The Permittee shall install a temperature monitoring device, capable of providing a continuous record for the RTO. Pursuant to 40 CFR 63 subpart SS, the monitoring device shall be installed in the fire box or in the ductwork immediately downstream of the fire box in a position before any substantial heat exchange occurs. *[40 CFR 63.988, and 40 CFR 64]*
- h. The Permittee shall set controls to ignite propane fuel to recover the dropped temperature if the low temperature alarm goes off (below 1,600 °F). An interlock with the air supply shall be installed to prevent operation of the spray guns if the RTO temperature drops below the 1,600 °F. Any such incident shall be recorded. *[NSR ATC/OP Modification 4, Condition III-B-5 (10/25/06)]*
- i. The Permittee shall maintain the pre-concentrators at a desorption temperature above 275 °F to ensure complete regeneration of the adsorbent. *[40 CFR Part 64]*
- j. The Permittee shall maintain the inlet air to the pre-concentrators at a negative pressure (vacuum) of at least 1.5 inches of water column in order to assure 100 percent capture efficiency for emissions from units contained within the permanent total enclosure. *[40 CFR Part 64]*
- k. The Permittee shall take all practical measures to contain any fugitive emission from the material transferring and handling of bathware units. *[NSR ATC/OP Modification 4, Condition III-B-7 (10/25/06)]*
- l. The Permittee shall store all resins and materials containing regulated air pollutants in closed containers. *[NSR ATC/OP Modification 4, Condition III-B-10 (10/25/06)]*
- m. The Permittee shall control particulate emissions from all grinding and trimming operations with collectors/filter media. The control devices shall be maintained as per the manufacturer's specifications. A copy of the manufacturer's specification shall be kept on site. *[NSR ATC/OP Modification 4, Condition III-B-11 (10/25/06)]*
- n. The Permittee shall meet the work practice standards in Table 4 to 40 CFR 63 Subpart WWWW that apply for all the open molding operations at Aquatic Co., regardless of the quantity of HAP emitted. The applicable work practice standards based on the operation types at Aquatic Co. are listed in line items 2, 3, 6, 7, and 8 of Table 4 to the subpart and are described in detail below: *[40 CFR 63.5805(b)]*
 - i. For cleaning operations at the source, the Permittee shall not at use cleaning solvents that contain HAP, except that styrene may be used as a cleaner in closed systems, and organic HAP containing cleaners may be used to clean cured resin from application equipment. Application equipment includes any equipment that directly contacts resin.
 - ii. For HAP-containing materials storage operations at the source, the Permittee shall keep containers that store HAP-containing materials closed or covered except during the addition or removal of materials. Bulk HAP-containing materials storage tanks may be vented as necessary for safety.

- iii. For all mixing operations at the source, the Permittee shall use mixer covers with no visible gaps present in the mixer covers, except that gaps of up to 1 inch are permissible around mixer shafts and any required instrumentation.
 - iv. For all mixing operations at the source, the Permittee shall close any mixer vents when actual mixing is occurring, except that venting is allowed during addition of materials, or as necessary prior to adding materials or opening the cover for safety. Vents routed to a 95.0 percent efficient control device are exempt from this requirement.
 - v. For all mixing operations at the source, the Permittee shall keep the mixer covers closed while actual mixing is occurring except when adding materials or changing covers to the mixing vessels.
- o. The Permittee shall operate and maintain the affected source, including air pollution control and monitoring equipment, according to the provisions in 40 CFR 63.6(e)(1)(i). *[40 CFR 63.5835(c)]*
 - p. The Permittee shall use the binvent on the storage silo (EU: A23) to control particulate emissions at all times the silo is in operation. *[NSR ATC/OP Modification 4, Condition III-B-13 (10/25/06)]*
 - q. The Permittee shall operate and maintain the binvent on storage silo (EU: A23) with a particulate control efficiency of at least 99.0 percent. *[NSR ATC/OP Modification 4, Condition III-B-14 (10/25/06)]*
 - r. The Permittee shall install an effective seal around the binvents and maintain the binvent as specified by the manufacturer. *[NSR ATC/OP Modification 4, Condition III-B-15 (10/25/06)]*
 - s. The Permittee shall develop and follow a preventative maintenance schedule that is consistent with the binvent manufacturer's instructions for routine and long-term maintenance. A copy of the maintenance schedule shall be kept on site. *[NSR ATC/OP Modification 4, Condition III-B-18 (10/25/06)]*
 - t. The Permittee shall operate the diesel fire pump with a turbocharger and aftercooler (EU: B01). *[Part 70 Revision, Condition III-B-3-u (07/13/12)]*
 - u. The Permittee shall operate and maintain the diesel fire pump in accordance with the manufacturer's specifications (EU: B01). *[Part 70 Revision, Condition III-B-3-v (07/13/12)]*
 - v. The Permittee shall maintain the diesel fire pump as follows, unless the manufacturer's specifications are more stringent (EU: B01): *[40 CFR 63.6602]*
 - i. Change oil and filter every 500 hours of operation or annually, whichever comes first;
 - ii. Inspect air cleaners every 1,000 hours of operation or annually, whichever comes first; and
 - iii. Inspect all hoses and belts every 500 hours of operation or annually, whichever comes first, and replace as necessary.

C. Monitoring

1. The Permittee shall continuously monitor operating temperature of the RTO, to assure compliance with the oxidation efficiency. The data shall be recorded based on a 10 minute block average. *[40 CFR 64, 40 CFR 63.998, and AQR 12.5.2.6]*
2. The Permittee shall continuously monitor the desorption temperature of the preconcentrator, to assure compliance with the emission limitation. The data shall be recorded based on a 10 minute block average. *[40 CFR 64 and AQR 12.5.2.6]*
3. The Permittee shall monitor the air inlet pressure of the preconcentrators to assure compliance with minimum negative pressure requirement for 100 percent capture efficiency of the permanent total enclosure and the monitoring system shall alarm if the minimum negative pressure is not maintained. *[40 CFR 64 and AQR 12.5.2.6]*
4. An excursion is defined as an event in which either the RTO operating temperature monitoring device records a temperature (10-minute average value) below 1,600 °F, or the preconcentrator desorption temperature monitoring device records a temperature (10-minute average value) below 275 °F, during operation. *[40 CFR 64 and AQR 12.5.2.6]*
5. Upon the occurrence of an excursion, the Permittee shall investigate the causes for the excursion; implement corrective actions, record the event summary, and report it in the annual compliance certification document. The occurrence of more than 5 excursions in a 6-month period requires the Permittee to prepare and implement a Quality Improvement Plan (QIP). *[40 CFR 64 and AQR 12.5.2.6]*
6. The Permittee shall calibrate the RTO operating temperature and the preconcentrator desorption temperature monitoring devices, including the corresponding data chart recorders annually. The inlet pressure monitor to the preconcentrators shall also be calibrated annually. Additionally, the data chart recorders shall be checked on a daily basis for proper operation. *[40 CFR 64 and AQR 12.5.2.6]*
7. The continuous temperature monitoring system for the RTO is subject to the following general requirements pursuant to 40 CFR 63 subpart SS: *[40 CFR 63.996]*
 - a. All monitoring equipment shall be installed, calibrated, maintained, and operated according to manufacturer's specifications or other written procedures that provide adequate assurance that the equipment would reasonably be expected to monitor accurately.
 - b. The Permittee shall maintain and operate each CPMS as specified in this permit, or in a relevant subpart, and in a manner consistent with good air pollution control practices.
 - c. The Permittee shall ensure the immediate repair or replacement of CPMS parts to correct "routine" or otherwise predictable CPMS malfunctions. The necessary parts for routine repairs of the affected equipment shall be readily available. If the repair was performed following the written start-up, shutdown, and malfunction plan developed according to the provisions in 40 CFR 63.6(e)(3), and the CPMS is repaired immediately, this action shall be recorded as specified in 40 CFR 63.998(c)(1)(ii)(E).
 - d. The Administrator's determination of whether acceptable operation and maintenance procedures are being used for the CPMS will be based on information that may include, but is not limited to, review of operation and maintenance procedures, operation and maintenance records as specified in 40 CFR 63.998(c)(1)(i) and (ii), manufacturer's recommendations and specifications, and inspection of the CPMS.

- e. All CPMS's shall be installed such that representative measurements of parameters from the regulated source are obtained.
- f. In accordance with the referencing subpart, except for system breakdowns, repairs, maintenance periods, instrument adjustments, or checks to maintain precision and accuracy, calibration checks, and zero and span adjustments, all CPMS shall be in continuous operation when emissions are being routed to the monitored device.
8. The Permittee shall use the option described in 40 CFR 63.5810(c) to meet the applicable organic HAP emissions limits in Table 3 to 40 CFR 63 subpart WWWW. In this option, The Permittee shall demonstrate each month that the source meets each weighted average of the applicable organic HAP emissions limits in Table 3 to this subpart by performing the following: [40 CFR 63.5835(a) and AQR 12.5.2.6]
- a. Each month, the Permittee shall calculate the weighted average organic HAP emissions limit for all open molding operations for the source for the last 12-month period to determine the organic HAP emissions limit the source must meet. To do this, the applicable individual organic HAP emissions limits in Table 3 of subpart WWWW and each type of resin used in *the last 12 months for each open molding operation type are used as shown in the following equation.*

$$\text{Weighted Average Emission Limit} = \frac{\sum_{i=1}^n (EL_i * \text{Material}_i)}{\sum_{i=1}^n \text{Material}_i}$$

Where:

EL_i = organic HAP emissions limit for operation type i , lbs/ton from Table 3 to this subpart;

Material_i = neat resin plus or neat gel coat plus used during the last 12-month period for operation type i , tons;

n = number of operations.

- b. The Permittee shall establish actual organic HAP emissions factor for each different process stream within each operation type. The Permittee must calculate organic HAP emissions factors for each different process stream by using the appropriate equations in Table 1 to this subpart for open molding discussed in 40 CFR 63.5796. The emission factor calculation should include any and all emission reduction techniques used including any add-on controls. The Permittee must determine the add-on control factor by conducting capture and control efficiency testing using the procedures specified in 40 CFR 63.5850. The organic HAP emissions factor calculated from the equations in Table 1 of subpart WWWW is multiplied by the add-on control factor to calculate the organic HAP emissions factor after control. Use the following equation to calculate the add-on control factor used in the organic HAP emissions factor equations.

$$\text{Add-on Control Factor} = 1 - \frac{\% \text{ Control Efficiency}}{100}$$

Where:

Percent Control Efficiency = a value calculated from organic HAP emissions test measurements made according to the requirements of 40 CFR63.5850 to this subpart.

- c. The Permittee shall then group the process streams described in paragraph (b) to this section by operation type and resin application method or gel coat type listed in Table 3 of subpart WWWW and then calculate a weighted average emission factor based on the amounts of each individual resin or gel coat used for the last 12 months as shown in the following equation.

$$\text{Average organic HAP Emissions Factor} = \frac{\sum_{i=1}^n (\text{Actual Process Stream } EF_i * \text{Material}_i)}{\sum_{i=1}^n \text{Material}_i}$$

Where:

Actual Process Stream EF_i = actual organic HAP emissions factor for process stream i , lbs/ton;

Material_i = neat resin plus or neat gel coat plus used during the last 12 calendar months for process stream i , tons;

n = number of process streams where you calculated an organic HAP emissions factor.

- d. Each month calculate the weighted average organic HAP emissions factor for open molding and centrifugal casting as shown in the following equation.

$$\text{Actual Weighted Average organic HAP Emissions Factor} = \frac{\sum_{i=1}^n (\text{Actual Operation } EF_i * \text{Material}_i)}{\sum_{i=1}^n \text{Material}_i}$$

Where:

Actual Individual EF_i = Actual organic HAP emissions factor for operation type i , lbs/ton;

Material_i = neat resin plus or neat gel coat plus used during the last 12 calendar months for operation type i , tons;

n = number of operations.

- e. Compare the values calculated in paragraphs (a) and (d) of this section. If each 12-month rolling average organic HAP emissions factor is less than or equal to the corresponding 12-month rolling average organic HAP emissions limit, then the Permittee is in compliance. [40 CFR 63.5810(c) and AQR 12.5.2.6]
- f. The Permittee shall complete the monthly compliance demonstrations required by this section within 15 days after the end of each month.
9. During production, the Permittee must collect and keep a record of data as indicated in 40 CFR Part 63, subpart SS, since the Permittee is using an add-on control device. [40 CFR 63.5895(a) and AQR 12.5.2.6]

10. The Permittee must monitor and collect data as specified in paragraphs (b)(1) through (4) of 40 CFR 63.5895. *[40 CFR 63.5895 and AQR 12.5.2.6]*
11. The Permittee must collect and keep records of resin and gel coat use, organic HAP content, and operation where the resin is used. Resin use records may be based on purchase records if the resin application method can be reasonably estimated. The organic HAP content records may be based on MSDS or on resin specifications supplied by the resin supplier. *[40 CFR 63.5895(c) and AQR 12.5.2.6]*
12. The Permittee must demonstrate continuous compliance with each standard in 40 CFR 63.5805 that applies to the source according to the methods specified in paragraphs (a) through (c) of this section. *[40 CFR 63.5900(a) and AQR 12.5.2.6]*
 - a. Compliance with organic HAP emissions limits for sources using add-on control devices is demonstrated following the procedures in 40 CFR 63, subpart SS.
 - b. Compliance with organic HAP emissions limits is demonstrated by maintaining an organic HAP emissions factor value less than or equal to the appropriate organic HAP emissions limit listed in Table 3 to 40 CFR 63 Subpart WWWW, on a 12-month rolling average, and/or by including in each compliance report a statement that individual resins and gel coats, as applied, meet the appropriate organic HAP emissions limits, as discussed in 40 CFR 63.5895(d).
 - c. Compliance with the work practice standards in Table 4 of 40 CFR 63 Subpart WWWW shall be demonstrated by performing the work practice required for the Permittee's operation.
13. The Permittee shall perform daily visual observations of the binvents to verify that visible emissions are not present. If they are, the Permittee shall cease operations producing the emissions until the problem is corrected. *[AQR 12.5.2.6]*
14. The Permittee shall perform monthly visual inspection of the binvent for air leaks. Defective components shall be repaired or replaced within five working days of the discovery of the malfunction. Should the malfunction cause the binvent to be ineffective in controlling particulate emissions, the processing of material shall cease until such repairs to the binvent are completed. *[AQR 12.5.2.6]*
15. The Permittee shall perform daily visual emissions inspection by an individual trained in Method 9 to verify compliance with the opacity limit set forth in Condition III-B-1-d. Corrective actions shall be immediately taken and recorded should the daily inspection find emission units exceeding applicable opacity standards. *[AQR 12.5.2.6 and 40 CFR 70.6]*
16. The Permittee shall operate the fire pump with a nonresettable hour meter and monitor the duration of operation for testing, maintenance and non-emergency operation, and separately for emergencies. The nature of the emergency leading to emergency operation shall be documented. *[AQR 12.5.2.6]*

D. Testing

1. Performance testing is subject to 40 CFR 60 (as amended) and the Air Quality Guideline on Performance Testing (as revised). Performance testing shall be the instrument for determining initial and subsequent compliance with the control requirements and emission limitations set forth in this OP. *[AQR 12.5.2.6]*

2. The Permittee shall conduct performance tests, performance evaluations, design evaluations, capture efficiency testing and other initial compliance demonstrations required by 40 CFR 63, Subpart WWWW, in accordance with 40 CFR 63, Subpart SS and 40 CFR 63.5850. The basic requirements for performance tests, performance evaluations, and design evaluations are presented in Table 6 of 40 CFR 63 Subpart WWWW. *[40 CFR 63.5850(a)]*
3. Performance testing is subject to the following requirements according to 40 CFR 63 Subpart WWWW:
 - a. Each performance test must be conducted according to the requirements in 40 CFR 63.7(e)(1) and under the specific conditions that 40 CFR 63, Subpart SS specifies. *[40 CFR 63.5850(b) and AQR 12.5.2.6]*
 - b. Each performance evaluation must be conducted according to the requirements in 40 CFR 63.8(e) as applicable and under the specific conditions that 40 CFR 63, Subpart SS specifies. *[40 CFR 63.5850(c) and AQR 12.5.2.6]*
 - c. The Permittee may not conduct performance tests or performance evaluations during periods of startup, shutdown, or malfunction, as specified in 40 CFR 63.7(e)(1). *[40 CFR 63.5850(d) and AQR 12.5.2.6]*
 - d. The Permittee must conduct the control device performance test using the emission measurement methods specified in paragraphs (e)(1) through (5) of 40 CFR 63.5850. *[40 CFR 63.5850(e) and AQR 12.5.2.6]*
 - e. The control device performance test must consist of three runs and each run must last at least 1 hour. The production conditions during the test runs must represent normal production conditions with respect to the types of parts being made and material application methods. The production conditions during the test must also represent maximum potential emissions with respect to the organic HAP content of the materials being applied and the material application rates. *[40 CFR 63.5850(f) and AQR 12.5.2.6]*
 - f. For each production line, the Permittee must simultaneously test the combined flow upstream of the preconcentrator, and the combined outlet flow from both the RTO and the preconcentrator to determine the control device destruction efficiency. If the outlet flow from the concentrator and oxidizer are exhausted in separate stacks, the Permittee must test both stacks simultaneously with the inlet to the concentrator to determine the control device destruction efficiency. *[40 CFR 63.5850(g) and AQR 12.5.2.6]*
4. The Permittee shall conduct performance tests to demonstrate compliance with emission limits and the capture efficiency and destruction efficiency requirements of each production line's control device and permanent total enclosure every five years, provided the rates of permitted production and control devices remain unchanged. If a production line is not in operation at the time of its required performance test, testing shall take place no later than 180 days after the restart of production on that line. *[AQR 12.5.2.6]*
5. To demonstrate 100 percent capture efficiency for spray booths and other emission units at the source identified as part of a permanent total enclosure (identified as having Preconcentrator and RTO as controls), the Permittee shall conduct performance testing utilizing Method 204 in Appendix M of 40 CFR 51, concurrent with the testing that determines compliance with control device destruction efficiencies. *[AQR 12.5.2.6]*
6. The Permittee shall determine the overall removal efficiency of the preconcentrator-RTO system for VOC emissions from Lines 1 and 2 and other emission units identified in

Table III-B-1 as part of the permanent total enclosure (identified as having Preconcentrator and RTO as controls) by simultaneously testing the inlet and outlet of the preconcentrator-RTO system in accordance with 40 CFR 63, Subpart SS, and 40 CFR 63.5850. The performance test shall also demonstrate compliance with the emission limitations and overall control efficiencies specified in this permit. [AQR 12.5.2.6]

7. During the RTO performance test, the Permittee must also monitor and record separately the amounts of production resin, tooling resin, pigmented gel coat, clear gel coat, and tooling gel coat applied inside the enclosure that is vented to the control device. [40 CFR 63.5850(h) and AQR 12.5.2.6]
8. All actual emission calculations for organic HAP emissions shall be performed using actual monitored and recorded operating parameters. Emission factors shall be verified during the initial performance test. [AQR 12.5.2.6]
9. Pursuant to AQR Section 10 (as revised), the Permittee that fails to demonstrate compliance with the emissions standard or limitations during any subsequent performance test, shall submit a compliance plan to the Control Officer within 90 days from the end of the performance test. [AQR 12.5.2.6]

E. Record Keeping

1. The Permittee shall maintain the records required by 40 CFR 63 Subpart WWWW: [40 CFR 63.5915 and AQR12.5.2.6]
 - a. a copy of each notification and report that the Permittee submitted to comply with 40 CFR 63 Subpart WWWW, including all documentation supporting any Initial Notification or Notification of Compliance Status that the Permittee submitted, according to the requirements in 40 CFR 63.10(b)(2)(xiv);
 - b. the records in 40 CFR 63.6(e)(3)(iii) through (v) related to startup, shutdown, and malfunction;
 - c. records of performance tests, design, and performance evaluations as required in 40 CFR 63.10(b)(2);
 - d. all records required in 40 CFR part 63 Subpart SS, otherwise not specified in this section, to show continuous compliance with 40 CFR 63 subpart WWWW;
 - e. records of all data, assumptions, and calculations used to determine organic HAP emissions factors or average organic HAP contents or weighted average organic HAP emissions limit and weighted average organic HAP emissions factors for operations listed in Table 3 of 40 CFR 63 subpart WWWW; and
 - f. a certified statement that the Permittee is in compliance with the work practice requirements in Table 4 of 40 CFR 63 subpart WWWW, as applicable.
2. The Permittee shall maintain records on-site that require semi-annual reporting and include, at a minimum: [AQR 12.5.2.6]
 - a. the magnitude and duration of excess emissions, notifications, monitoring system performance, startup, shutdown and malfunction, corrective action taken and other records as required by 40 CFR 63.10;

- b. daily hours of operation of spray booths, preconcentrators and the RTO; amount of all gelcoats, barriercoat, laminates, CaSO₄ (Storage Silo) and other raw materials used on a daily basis with monthly and rolling 12-month total;
 - c. amount and VOC/HAP content of all materials used for mold preparation (cleaner, sealer and polymer release agent) on a monthly basis with rolling 12-month total;
 - d. amount and VOC/HAP content of all materials used for protective coatings on a monthly basis with rolling 12-month total;
 - e. monthly and rolling 12-month total consumption of propane gas for the RTO;
 - f. monthly and rolling 12-month total consumption of propane gas for the source;
 - g. date and duration of operation of the fire pump for testing, maintenance, and non-emergency use (EU: B01); and
 - h. date and duration of operation of the fire pump for emergency use, including documentation justifying use during the emergency (EU: B01).
3. The Permittee shall maintain records on-site that include, at a minimum: *[AQR 12.5.2.6]*
- a. styrene content of all gelcoats, barriercoats, laminates and other raw materials used on a daily basis;
 - b. records of preconcentrators and RTO maintenance;
 - c. records of binvent inspections and maintenance;
 - d. continuous records (10-minute block average values) of RTO operating temperatures according to Condition III-C-1 *[40 CFR 63.998(b)(1) and 40 CFR 63.998(c)(2)]*;
 - e. continuous records of preconcentrator desorption temperature according to Condition III-C-2;
 - f. daily average values of continuously monitored RTO operating temperature, calculated from data meeting the specifications of 40 CFR 63.998 (b)(2) for each operating day *[40 CFR 63.998(b)(3) and 40 CFR 63.998(c)(2)]*;
 - g. up-to-date, readily accessible records of periods of operation during which the continuously-monitored parameter boundaries are exceeded for the RTO. The parameter boundaries are established pursuant to 40 CFR 63.996(c)(6). *[40 CFR 63.998(c)(2)]*
 - h. records of inlet air pressure alarms of the preconcentrators;
 - i. records of occurrence of excursions as defined in III-C-4 of this document;
 - j. calibration records of temperature monitoring and recording device(s), and preconcentrator inlet air pressure monitoring device;
 - k. results of daily and monthly visible emission observations;
 - l. filter media weekly inspection results and maintenance activities;
 - m. equipment inspections and maintenance for the fire pump (EU: B01); and
 - n. performance tests results.

4. The Permittee shall demonstrate compliance with the opacity limitation by maintaining a log showing at least, the dates and time when observations are taken and the steps taken to make any needed corrections to bring opacity into compliance. [AQR 12.5.2.6]
5. Records of monthly and annual purchases and inventory of resins, other VOC and HAP containing materials used in the manufacturing process, and propane fuel shall be kept by the Permittee and provided to the Control Officer upon request. [AQR 12.5.2.6]
6. For all inspections, visible emission checks, and testing required under monitoring, logs, reports, and records shall include at least the date and time, the name of the person performing the action, the results or findings, and the type of corrective action taken (if required). [AQR 12.5.2.6]
7. Records and data required by this operating permit to be maintained by the Permittee may, at the Permittee's expense, be audited at any time by a third party selected by the Control Officer. [AQR 4.4 and AQR 12.5.2.8(b)]
8. All records and logs, or a copy thereof, shall be kept on-site for a minimum of five (5) years from the date the measurement was taken or data was entered and shall be made available to Air Quality upon request. [AQR 12.5.2.6]
9. The Control Officer reserves the right to require additional requirements concerning records and record keeping for this source. [AQR 12.5.2.6]

F. Reporting

1. The Permittee shall comply with all notification, record keeping and reporting requirements of 40 CFR 63.10, and 40 CFR 63 Subpart WWWW. [AQR 12.5.2.6(d)(4)(B)]
2. All report submissions shall be addressed to the attention of the Control Officer. [AQR 12.5.2.6]
3. The Permittee shall submit semi-annual reports to the Control Officer. [AQR 12.5.2.6]
4. The following requirements apply to semi-annual reports: [AQR 12.5.2.6]
 - a. The report shall include a quarterly summary of each item listed in Section III-E-2.
 - b. The report shall include semi-annual summaries of any permit deviations, their probable cause and corrective or preventative actions taken.
 - c. The report shall be received by Air Quality within 30 calendar days after the reporting period.
5. Regardless of the date of issuance of this permit, the schedule for the submittal of reports to the Control Officer, shall be as outlined in Table III-F-1 [AQR 12.5.2.6(d)]:

Table III-F-1: Reporting Schedule

Required Report	Applicable Period	Due Date ¹
Semi-annual Report for 1st half of the year.	January, February, March, April, May, June	July 30 each year
Semi-annual Report for 2nd half of the year. Any additional annual records required.	July, August, September, October, November, December	January 30 each year
Semi-annual 40 CFR 63.5910 Compliance Report for 1st half of the year	January, February, March, April, May, June	July 31 each year

Required Report	Applicable Period	Due Date ¹
Semi-annual 40 CFR 63.5910 Compliance Report for 2nd half of the year	July, August, September, October, November, December	January 31 each year
Annual Compliance Certification Report	Calendar Year	January 30 each year
Annual Emission Inventory Report	Calendar Year	March 31 each year
Excess Emission Notification	As Required	Within 24 hours of the time the Permittee first learns of the excess emissions
Excess Emission Report	As Required	Within 72 hours of the notification
Deviation Report	As Required	Along with semi-annual reports
Performance Testing	As Required	Within 60 days from the end of the test

¹If the due date falls on a Saturday, Sunday or a Federal or Nevada holiday, then the submittal are due on the next regularly scheduled business day.

6. The Permittee must submit all of the notifications in Table 13 of 40 CFR 63 Subpart WWWW (provided as Attachment 3 to this document) that applies to the source to the Administrator and the Control Officer at the addresses presented in this Section. The notifications are described more fully in 40 CFR Part 63 Subpart A, referenced in Table 13 of the subpart. If there is a change to the information submitted in any notification, the Permittee must submit the changes in writing to the Administrator within 15 calendar days after the change. *[40 CFR 63.5905]*
7. The Permittee must submit each applicable report described in Table 14 of 40 CFR 63 Subpart WWWW (provided as Attachment 4 to this document) to the Administrator and the Control Officer at the addresses presented in this Section. Applicable reports shall be submitted by the date specified in Table 14 unless the Administrator has approved a different schedule for submission of reports under 40 CFR 63.10(a), and according to paragraphs (b)(1) through (5) of 40 CFR 63.5910. The reports shall contain the information required under 40 CFR 63.5910(c) through (i), as applicable. *[AQR 12.5.2.6 and 40 CFR 63.5910]*
8. The Permittee must report each deviation from each applicable standard in 40 CFR 63.5805. The deviations must be reported according to the requirements in 40 CFR 63.5910. *[40 CFR 63.5900(b) and AQR 12.5.2.6]*
9. The Control Officer reserves the right to require additional reports and reporting to verify compliance with permit conditions, permit requirements and requirements of applicable regulations. *[AQR 4.4 and AQR 12.5.2.6]*

G. Mitigation

1. The source has no federal offset requirements. *[AQR 59.1.1]*

IV. OTHER REQUIREMENTS

1. The source is subject to those parts of the General Provisions in 40 CFR 63.1 through 63.15 which are presented in Table 15 of 40 CFR 63 Subpart WWWW as applicable. Table 15 of 40 CFR 63 Subpart WWWW is listed as Attachment 2 to this document. [40 CFR 63.5925]
2. The Permittee shall, under all conditions, operate the source in a manner consistent with safety and good air pollution control practice for minimizing emissions as required by 40 CFR 63.6. [AQR 12.5.2.6]
3. The Permittee shall maintain a written start-up, shut-down and malfunction plan according to the provisions in 40 CFR 63.6(e)(3). A copy of the plan shall be kept on site. [AQR 12.5.2.6]

ATTACHMENTS

ATTACHMENT 1 APPLICABLE REGULATIONS

REQUIREMENTS SPECIFICALLY IDENTIFIED AS APPLICABLE:

1. Nevada Revised Statutes (NRS), Chapter 445B
2. Applicable AQR Sections:

Citation	Title
AQR Section 00	Definitions
AQR Section 4	Control Officer
AQR Section 5	Interference with Control Officer
AQR Section 8	Persons Liable for Penalties – Punishment: Defense
AQR Section 9	Civil Penalties
AQR Section 10	Compliance Schedule
AQR Section 11	Ambient Air Quality Standards
AQR Section 12.4	Authority to Construct Application and Permit Requirements for Part 70 Sources
AQR Section 12.5	Part 70 Operating Permit Requirements
AQR Section 13	National Emission Standards for Hazardous Air Pollutants
AQR Section 18	Permit and Technical Service Fees
AQR Section 25	Upset/Breakdown, Malfunctions
AQR Section 26	Emissions of Visible Air Contaminants
AQR Section 28	Fuel Burning Equipment
AQR Section 40	Prohibition of Nuisance Conditions
AQR Section 41	Fugitive Dust
AQR Section 42	Open Burning
AQR Section 43	Odors in the Ambient Air
AQR Section 70	Emergency Procedures
AQR Section 80	Circumvention

3. Clean Air Act, as amended (CAAA), Authority: 42 U.S.C. § 7401, et seq
4. Applicable 40 CFR Subsections:

Citation	Title
40 CFR Part 52.1470	SIP Rules
40 CFR Part 63, Subpart A	National Emissions Standards for Hazardous Air Pollutants for Source Categories (NESHAP) – General Provisions, as described in Table 15 of 40 CFR 63 Subpart WWWW (Table 15 is listed as Attachment 2 to this document).
40 CFR Part 63, Subpart WWWW	National Emissions Standards for Hazardous Air Pollutants for Source Categories(NESHAP) - Reinforced Plastic Composites Production
40 CFR Part 63 Subpart SS	National Emissions Standards for Hazardous Air Pollutants for Source Categories(NESHAP)- National Emission Standards for Closed Vent Systems, Control Devices, Recovery Devices and Routing to a Fuel Gas System or a Process
40 CFR Part 51	Appendix M Method 204 or equivalent
40 CFR Part 60	Appendix A, Method 9 or equivalent, (Opacity)
40 CFR 63, Subpart ZZZZ	National Emissions Standards for Hazardous Air Pollutants for Stationary Reciprocating Internal Combustion Engines
40 CFR Part 64	Compliance Assurance Monitoring

ATTACHMENT 2

Table 15 of Subpart WWWW of Part 63—Applicability of General Provisions (Subpart A) to Subpart WWWW of Part 63

As specified in §63.5925, the parts of the General Provisions which apply to the Permittee are shown in the following table:

The general provisions reference . . .	That addresses . . .	And applies to subpart WWWW of Part 63 . . .	Subject to the following additional information . . .
§63.1(a)(1)	General applicability of the general provisions	Yes	Additional terms defined in subpart WWWW of Part 63, when overlap between subparts A and WWWW of Part 63 of this part, subpart WWWW of Part 63 takes precedence.
§63.1(a)(2) through (4)	General applicability of the general provisions	Yes	
§63.1(a)(5)	Reserved	No	
§63.1(a)(6)	General applicability of the general provisions	Yes	
§63.1(a)(7) through (9)	Reserved	No	
§63.1(a)(10) through (14)	General applicability of the general provisions	Yes	
§63.1(b)(1)	Initial applicability determination	Yes	Subpart WWWW of Part 63 clarifies the applicability in §§63.5780 and 63.5785.
§63.1(b)(2)	Reserved	No.	
§63.1(b)(3)	Record of the applicability determination	Yes	
§63.1(c)(1)	Applicability of this part after a relevant standard has been set under this part	Yes	Subpart WWWW of Part 63 clarifies the applicability of each paragraph of Subpart A to sources subject to subpart WWWW of Part 63.
§63.1(c)(2)	Title V operating permit requirement	Yes	All major affected sources are required to obtain a title V operating permit. Area sources are not subject to subpart WWWW of Part 63.
§63.1(c)(3) and (4)	Reserved	No	

The general provisions reference . . .	That addresses . . .	And applies to subpart WWWW of Part 63 . . .	Subject to the following additional information . . .
§63.1(c)(5)	Notification requirements for an area source that increases HAP emissions to major source levels	Yes	
§63.1(d)	Reserved	No	
§63.1(e)	Applicability of permit program before a relevant standard has been set under this part	Yes	
§63.2	Definitions	Yes	Subpart WWWW of Part 63 defines terms in §63.5935. When overlap between subparts A and WWWW of Part 63 occurs, you must comply with the subpart WWWW of Part 63 definitions, which take precedence over the subpart A definitions.
§63.3	Units and abbreviations	Yes	Other units and abbreviations used in subpart WWWW of Part 63 are defined in subpart WWWW of Part 63.
§63.4	Prohibited activities and circumvention	Yes	§63.4(a)(3) through (5) is reserved and does not apply.
§63.5(a)(1) and (2)	Applicability of construction and reconstruction	Yes	Existing facilities do not become reconstructed under subpart WWWW of Part 63.
§63.5(b)(1)	Relevant standards for new sources upon construction	Yes	Existing facilities do not become reconstructed under subpart WWWW of Part 63.
§63.5(b)(2)	Reserved	No	
§63.5(b)(3)	New construction/reconstruction	Yes	Existing facilities do not become reconstructed under subpart WWWW of Part 63.
§63.5(b)(4)	Construction/reconstruction notification	Yes	Existing facilities do not become reconstructed under subpart WWWW of Part 63.
§63.5(b)(5)	Reserved	No	
§63.5(b)(6)	Equipment addition or process change	Yes	Existing facilities do not become reconstructed under subpart WWWW of Part 63.
§63.5(c)	Reserved	No	

The general provisions reference . . .	That addresses . . .	And applies to subpart WWW of Part 63 . . .	Subject to the following additional information . . .
§63.5(d)(1)	General application for approval of construction or reconstruction	Yes	Existing facilities do not become reconstructed under subpart WWW of Part 63.
§63.5(d)(2)	Application for approval of construction	Yes	
§63.5(d)(3)	Application for approval of reconstruction	No	
§63.5(d)(4)	Additional information	Yes	
§63.5(e)(1) through (5)	Approval of construction or reconstruction	Yes	
§63.5(f)(1) and (2)	Approval of construction or reconstruction based on prior State preconstruction review	Yes	
§63.6(a)(1)	Applicability of compliance with standards and maintenance requirements	Yes	
§63.6(a)(2)	Applicability of area sources that increase HAP emissions to become major sources	Yes	
§63.6(b)(1) through (5)	Compliance dates for new and reconstructed sources	Yes	Subpart WWW of Part 63 clarifies compliance dates in §63.5800.
§63.6(b)(6)	Reserved	No	
§63.6(b)(7)	Compliance dates for new operations or equipment that cause an area source to become a major source	Yes	New operations at an existing facility are not subject to new source standards.
§63.6(c)(1) and (2)	Compliance dates for existing sources	Yes	Subpart WWW of Part 63 clarifies compliance dates in §63.5800.
§63.6(c)(3) and (4)	Reserved	No	
§63.6(c)(5)	Compliance dates for existing area sources that become major	Yes	Subpart WWW of Part 63 clarifies compliance dates in §63.5800.
§63.6(d)	Reserved	No	
§63.6(e)(1) and (2)	Operation & maintenance requirements	Yes	
§63.6(e)(3)	Startup, shutdown, and malfunction plan and record keeping	Yes	Subpart WWW of Part 63 requires a startup, shutdown, and malfunction plan only for sources using add-on controls.

The general provisions reference . . .	That addresses . . .	And applies to subpart WWW of Part 63 . . .	Subject to the following additional information . . .
§63.6(f)(1)	Compliance except during periods of startup, shutdown, and malfunction	No	Subpart WWW of Part 63 requires compliance during periods of startup, shutdown, and malfunction, except startup, shutdown, and malfunctions for sources using add-on controls.
§63.6(f)(2) and (3)	Methods for determining compliance	Yes	
§63.6(g)(1) through (3)	Alternative standard	Yes	
§63.6(h)	Opacity and visible emission Standards	No	Subpart WWW of Part 63 does not contain opacity or visible emission standards.
§63.6(i)(1) through (14)	Compliance extensions	Yes	
§63.6(i)(15)	Reserved	No	
§63.6(i)(16)	Compliance extensions	Yes	
§63.6(j)	Presidential compliance exemption	Yes	
§63.7(a)(1)	Applicability of performance testing requirements	Yes	
§63.7(a)(2)	Performance test dates	No	Subpart WWW of Part 63 initial compliance requirements are in §63.5840.
§63.7(a)(3)	CAA Section 114 authority	Yes	
§63.7(b)(1)	Notification of performance test	Yes	
§63.7(b)(2)	Notification rescheduled performance test	Yes	
§63.7(c)	Quality assurance program, including test plan	Yes	Except that the test plan must be submitted with the notification of the performance test.
§63.7(d)	Performance testing facilities	Yes	
§63.7(e)	Conditions for conducting performance tests	Yes	Performance test requirements are contained in §63.5850. Additional requirements for conducting performance tests for continuous lamination/casting are included in §63.5870.
§63.7(f)	Use of alternative test method	Yes	

The general provisions reference . . .	That addresses . . .	And applies to subpart WWW of Part 63 . . .	Subject to the following additional information . . .
§63.7(g)	Performance test data analysis, recordkeeping, and reporting	Yes	
§63.7(h)	Waiver of performance tests	Yes	
§63.8(a)(1) and (2)	Applicability of monitoring requirements	Yes	
§63.8(a)(3)	Reserved	No	
§63.8(a)(4)	Monitoring requirements when using flares	Yes	
§63.8(b)(1)	Conduct of monitoring exceptions	Yes	
§63.8(b)(2) and (3)	Multiple effluents and multiple monitoring systems	Yes	
§63.8(c)(1)	Compliance with CMS operation and maintenance requirements	Yes	This section applies if you elect to use a CMS to demonstrate continuous compliance with an emission limit.
§63.8(c)(2) and (3)	Monitoring system installation	Yes	This section applies if you elect to use a CMS to demonstrate continuous compliance with an emission limit.
§63.8(c)(4)	CMS requirements	Yes	This section applies if you elect to use a CMS to demonstrate continuous compliance with an emission limit.
§63.8(c)(5)	Continuous Opacity Monitoring System (COMS) minimum procedures	No	Subpart WWW of Part 63 does not contain opacity standards.
§63.8(c)(6) through (8)	CMS calibration and periods CMS is out of control	Yes	This section applies if you elect to use a CMS to demonstrate continuous compliance with an emission limit.
§63.8(d)	CMS quality control program, including test plan and all previous versions	Yes	This section applies if you elect to use a CMS to demonstrate continuous compliance with an emission limit.
§63.8(e)(1)	Performance evaluation of CMS	Yes	This section applies if you elect to use a CMS to demonstrate continuous compliance with an emission limit.
§63.8(e)(2)	Notification of performance evaluation	Yes	This section applies if you elect to use a CMS to demonstrate continuous compliance with an emission limit.

The general provisions reference . . .	That addresses . . .	And applies to subpart WWWW of Part 63 . . .	Subject to the following additional information . . .
§63.8(e)(3) and (4)	CMS requirements/alternatives	Yes	This section applies if you elect to use a CMS to demonstrate continuous compliance with an emission limit.
§63.8(e)(5)(i)	Reporting performance evaluation results	Yes	This section applies if you elect to use a CMS to demonstrate continuous compliance with an emission limit.
§63.8(e)(5)(ii)	Results of COMS performance evaluation	No	Subpart WWWW of Part 63 does not contain opacity standards.
§63.8(f)(1) through (3)	Use of an alternative monitoring method	Yes	
§63.8(f)(4)	Request to use an alternative monitoring method	Yes	
§63.8(f)(5)	Approval of request to use an alternative monitoring method	Yes	
§63.8(f)(6)	Request for alternative to relative accuracy test and associated records	Yes	This section applies if you elect to use a CMS to demonstrate continuous compliance with an emission limit.
§63.8(g)(1) through (5)	Data reduction	Yes	
§63.9(a)(1) through (4)	Notification requirements and general information	Yes	
§63.9(b)(1)	Initial notification applicability	Yes	
§63.9(b)(2)	Notification for affected source with initial startup before effective date of standard	Yes	
§63.9(b)(3)	Reserved	No	
§63.9(b)(4)(i)	Notification for a new or reconstructed major affected source with initial startup after effective date for which an application for approval of construction or reconstruction is required	Yes	
§63.9(b)(4)(ii) through (iv)	Reserved	No	
§63.9(b)(4)(v)	Notification for a new or reconstructed major affected source with initial startup after effective date for which an application for approval of construction or reconstruction is required	Yes	Existing facilities do not become reconstructed under subpart WWWW of Part 63.

The general provisions reference . . .	That addresses . . .	And applies to subpart WWWW of Part 63 . . .	Subject to the following additional information . . .
§63.9(b)(5)	Notification that you are subject to this subpart for new or reconstructed affected source with initial startup after effective date and for which an application for approval of construction or reconstruction is not required	Yes	Existing facilities do not become reconstructed under subpart WWWW of Part 63.
§63.9(c)	Request for compliance extension	Yes	
§63.9(d)	Notification of special compliance requirements for new source	Yes	
§63.9(e)	Notification of performance test	Yes	
§63.9(f)	Notification of opacity and visible emissions observations	No	Subpart WWWW of Part 63 does not contain opacity or visible emission standards.
§63.9(g)(1)	Additional notification requirements for sources using CMS	Yes	This section applies if you elect to use a CMS to demonstrate continuous compliance with an emission limit.
§63.9(g)(2)	Notification of compliance with opacity emission standard	No	Subpart WWWW of Part 63 does not contain opacity emission standards.
§63.9(g)(3)	Notification that criterion to continue use of alternative to relative accuracy testing has been exceeded	Yes	This section applies if you elect to use a CMS to demonstrate continuous compliance with an emission limit.
§63.9(h)(1) through (3)	Notification of compliance status	Yes	
§63.9(h)(4)	Reserved	No	
§63.9(h)(5) and (6)	Notification of compliance status	Yes	
§63.9(i)	Adjustment of submittal deadlines	Yes	
§63.9(j)	Change in information provided	Yes	
§63.10(a)	Applicability of recordkeeping and reporting	Yes	
§63.10(b)(1)	Records retention	Yes	
§63.10(b)(2)(i) through (v)	Records related to startup, shutdown, and malfunction	Yes	Only applies to facilities that use an add-on control device.

The general provisions reference . . .	That addresses . . .	And applies to subpart WWWW of Part 63 . . .	Subject to the following additional information . . .
§63.10(b)(2)(vi) through (xi)	CMS records, data on performance tests, CMS performance evaluations, measurements necessary to determine conditions of performance tests, and performance evaluations	Yes	
§63.10(b)(2)(xii)	Record of waiver of recordkeeping and reporting	Yes	
§63.10(b)(2)(xiii)	Record for alternative to the relative accuracy test	Yes	
§63.10(b)(2)(xiv)	Records supporting initial notification and notification of compliance status	Yes	
§63.10(b)(3)	Records for applicability determinations	Yes	
§63.10(c)(1)	CMS records	Yes	This section applies if you elect to use a CMS to demonstrate continuous compliance with an emission limit.
§63.10(c)(2) through (4)	Reserved	No	
§63.10(c)(5) through (8)	CMS records	Yes	This section applies if you elect to use a CMS to demonstrate continuous compliance with an emission limit.
§63.10(c)(9)	Reserved	No	
§63.10(c)(10) through (15)	CMS records	Yes	This section applies if you elect to use a CMS to demonstrate continuous compliance with an emission limit.
§63.10(d)(1)	General reporting requirements	Yes	
§63.10(d)(2)	Report of performance test results	Yes	
§63.10(d)(3)	Reporting results of opacity or visible emission observations	No	Subpart WWWW of Part 63 does not contain opacity or visible emission standards.
§63.10(d)(4)	Progress reports as part of extension of compliance	Yes	
§63.10(d)(5)	Startup, shutdown, and malfunction reports	Yes	Only applies if you use an add-on control device.

The general provisions reference . . .	That addresses . . .	And applies to subpart WWWW of Part 63 . . .	Subject to the following additional information . . .
§63.10(e)(1) through (3)	Additional reporting requirements for CMS	Yes	This section applies if you have an add-on control device and elect to use a CEM to demonstrate continuous compliance with an emission limit.
§63.10(e)(4)	Reporting COMS data	No	Subpart WWWW of Part 63 does not contain opacity standards.
§63.10(f)	Waiver for recordkeeping or reporting	Yes	
§63.11	Control device requirements	Yes	Only applies if you elect to use a flare as a control device.
§63.12	State authority and delegations	Yes	
§63.13	Addresses of State air pollution control agencies and EPA Regional Offices	Yes	
§63.14	Incorporations by reference	Yes	
§63.15	Availability of information and confidentiality	Yes	

ATTACHMENT 3

Table 13 of Subpart WWWW of Part 63—Applicability and Timing of Notifications

As required in §63.5905(a), The Permittee must determine the applicable notifications and submit them by the dates shown in the following table:

If your facility . . .	You must submit . . .	By this date . . .
1. Is an existing source subject to this subpart	An Initial Notification containing the information specified in §63.9(b)(2)	No later than the dates specified in §63.9(b)(2).
2. Is a new source subject to this subpart	The notifications specified in §63.9(b)(4) and (5)	No later than the dates specified §63.9(b)(4) and (5).
3. Qualifies for a compliance extension as specified in §63.9(c)	A request for a compliance extension as specified in §63.9(c)	No later than the dates specified in §63.6(i).
4. Is complying with organic HAP emissions limit averaging provisions	A Notification of Compliance Status as specified in §63.9(h)	No later than 1 year plus 30 days after your facility's compliance date.
5. Is complying with organic HAP content limits, application equipment requirements, or organic HAP emissions limit other than organic HAP emissions limit averaging	A Notification of Compliance Status as specified in §63.9(h)	No later than 30 calendar days after your facility's compliance date.
6. Is complying by using an add-on control device	a. A notification of intent to conduct a performance test as	No later than the date specified in §63.9(e).

If your facility . . .	You must submit . . .	By this date . . .
	specified in §63.9(e)	
	b. A notification of the date for the CMS performance evaluation as specified in §63.9(g)	The date of submission of notification of intent to conduct a performance test.
	c. A Notification of Compliance Status as specified in §63.9(h)	No later than 60 calendar days after the completion of the add-on control device performance test and CMS performance evaluation.

ATTACHMENT 4

Table 14 of Subpart WWW of Part 63—Requirements for Reports

As required in §63.5910(a), (b), (g), and (h), you must submit reports on the schedule shown in the following table:

You must submit a(n)	The report must contain . . .	You must submit the report . . .
1. Compliance report	a. A statement that there were no deviations during that reporting period if there were no deviations from any emission limitations (emission limit, operating limit, opacity limit, and visible emission limit) that apply to you and there were no deviations from the requirements for work practice standards in Table 4 to this subpart that apply to you. If there were no periods during which the CMS, including CEMS, and operating parameter monitoring systems, was out of control as specified in §63.8(c)(7), the report must also contain a statement that there were no periods during which the CMS was out of control during the reporting period	Semiannually according to the requirements in §63.5910(b).
	b. The information in §63.5910(d) if you have a deviation from any emission limitation (emission limit, operating limit, or work practice standard) during the reporting period. If there were periods during which the CMS, including CEMS, and operating parameter monitoring systems, was out of control, as specified in §63.8(c)(7), the report must contain the information in §63.5910(e)	Semiannually according to the requirements in §63.5910(b).
	c. The information in §63.10(d)(5)(i) if you had a startup, shutdown or malfunction during the reporting period, and you took actions consistent with your startup, shutdown, and malfunction plan	Semiannually according to the requirements in §63.5910(b).
2. An immediate startup, shutdown, and malfunction report if you had a startup, shutdown, or malfunction	a. Actions taken for the event	By fax or telephone within 2 working days after starting actions inconsistent with the plan.

You must submit a(n)	The report must contain . . .	You must submit the report . . .
during the reporting period that is not consistent with your startup, shutdown, and malfunction plan		
	b. The information in §63.10(d)(5)(ii)	By letter within 7 working days after the end of the event unless you have made alternative arrangements with the permitting authority. (§63.10(d)(5)(ii)).