SC DEPARTMENT *of*
ENVIRONMENTAL
SERVICES

Bureau of Air Quality
Title V Operating Permit

Leisure Pools And Spas Manufacturing North America Inc
1313 Highway 76 West
Marion, South Carolina 29571
Marion County

In accordance with the provisions of the Pollution Control Act, Sections 48-1-50(5), 48-1-100(A), and 48-1-110(a), the 1976 Code of Laws of South Carolina, as amended, and South Carolina Regulation 61-62, Air Pollution Control Regulations and Standards, the Bureau of Air Quality authorizes the operation of this facility and the equipment specified herein in accordance with valid construction permits, and the plans, specifications, and other information submitted in the Title V permit application received on September 30, 2024, as amended. All official correspondence, plans, permit applications, and written statements are an integral part of the permit. Any false information or misrepresentation in the application for a construction permit may be grounds for permit revocation.

The operation of this facility is subject to and conditioned upon the terms, limitations, standards, and schedules contained herein or as specified by this permit and its accompanying attachments.

Permit Number:	**TV-1660-0029 v2.0**
Agency Air Number:	**1660-0029**
Issue Date:	**DRAFT**
Effective Date:	**DRAFT**
Expiration Date:	**DRAFT**

Steve McCaslin, P. E., Director
Air Permitting Division
Bureau of Air Quality

RECORD OF REVISIONS		
Date	**Type**	**Description of Changes**

AA Administrative Amendment
MM Minor Modification
SM Significant Modification

A. EMISSION UNIT(S), EQUIPMENT, AND CONTROL DEVICE(S)

Emission Unit ID	Emission Unit Description
01	Fiberglass Manufacturing

Equipment and control device capacities provided under the Description columns of Equipment and Control Device Tables below are not intended to be permit limits unless otherwise specified within the Table "Limitations, Monitoring, and Reporting." However, this condition does not exempt the facility from the construction permitting process, from PSD review, nor from any other applicable requirements that must be addressed prior to increasing production rates.

A.1 EQUIPMENT FOR EMISSION UNIT 01 – FIBERGLASS MANUFACTURING

Equipment ID	Equipment Description	Installation Date	Control Device ID	Emission Point ID
GSG	Four (4) Gelcoat Atomized Spray Guns: Gun A, Gun B, Gun C, Gun D	7/20/21	F1	L1-L6 (Lamination) T1 (Tooling)
RS1	Seven (7) Non-atomized Resin Flow Coaters and Hand Lay-up: Gun A1, Gun B1, Gun C1, Gun D1, Gun E1, Gun F1, Gun G1	7/20/21	None	L1-L6 (Lamination) T1 (Tooling)
C/G	Cutting/Grinding	1987-1995	F2	L1, L2
FW	Filament Winding (two (2) Winders): Winder A, Winder B	7/20/21	None	FW1, FW2
RS2	Four (4) non-atomized Resin Flow Coaters and Hand Lay-up: Gun A2, Gun B2, Gun C2, Gun D2	7/20/21	None	FW1, FW2
FOU	Finishing & Miscellaneous Other Material Usage (tooling and miscellaneous other usage) consisting of One (1) Closed Modeling Operation, Equipment Cleaning, Putty Dispensing, Adhesive, Glues, and Miscellaneous Other Material Usages	7/20/21	None	Fugitive

A.2 CONTROL DEVICE(S) FOR EMISSION UNIT 01 – FIBERGLASS MANUFACTURING

Control Device ID	Control Device Description	Pollutant(s) Controlled	Installation Date	Emission Point ID
F1	Lamination Filter	PM, PM_{10}, $PM_{2.5}$	7/20/21	L1-L6 (Lamination) T1 (Tooling)
F2	Grinding Filter	PM, PM_{10}, $PM_{2.5}$	1987/2001	L1, L2

B. LIMITATIONS, MONITORING, AND REPORTING	
Condition Number	**Conditions**
B.1	**Emission Unit ID:** All **Equipment ID:** All **Control Device ID:** All (S.C. Regulation 61-62.5, Standard No. 4, Section IX) Where construction or modification began after December 31, 1985, emissions from these sources (including fugitive emissions) shall not exhibit an opacity greater than 20%, each.
B.2	**Emission Unit ID:** All **Equipment ID:** All **Control Device ID:** All (S.C. Regulation 61-62.5, Standard No. 4, Section VIII) Particulate matter emissions shall be limited to the rate specified by use of the following equations: For process weight rates less than or equal to 30 tons per hour $E = (F)\ 4.10P^{0.67}$ For process weight rates greater than 30 tons per hour $E = (F)\ (55.0P^{0.11} - 40)$ Where E = the allowable emission rate in pounds per hour P = process weight rate in tons per hour F = effect factor from Table B in S.C. Regulation 61-62.5, Standard No. 4 For the purposes of compliance with this condition, the process boundaries are defined as follows: • 01 - Max Process Weight Rate 2.18 ton/hr
B.3	**Emission Unit ID:** 01 **Equipment ID:** GSG, RS1, C/G **Control Device ID:** F1, F2 (S.C. Regulation 61-62.1, Section II(J)(2)) Dry filter(s) shall be operational and in place at all times when equipment or processes controlled by filter(s) are operating, except during periods of malfunction or mechanical failure. A schedule shall be implemented for the daily inspection and regular cleaning or replacement of the dry filter(s). Records of these events shall be maintained in logs (written or electronic) and maintained on site.
B.4	**Emission Unit ID:** All **Equipment ID:** All **Control Device ID:** All (S.C. Regulation 61-62.1, Section II(J)(2)) The owner or operator shall perform a visual inspection on a semiannual basis of sources subject to opacity limits. The inspection shall occur during normal source operation. Logs shall be kept to record all visual inspections, noting color, duration, density (heavy or light), cause, and corrective action taken for any abnormal emissions. If a source did not operate

B. LIMITATIONS, MONITORING, AND REPORTING	
Condition Number	**Conditions**
	during the required visual inspection time frame, the log shall indicate such. The owner or operator shall submit semiannual reports. The report shall include records of abnormal emissions, if any, and corrective actions taken. If the unit did not operate during the semiannual period, the report shall state so. Visual inspection means a qualitative observation of opacity during daylight hours. The observer does not need to be certified to conduct valid visual inspections. However, at a minimum, the observer should be trained and knowledgeable about the effects on visibility of emissions caused by background contrast, ambient lighting, and observer position relative to lighting, wind, and the presence of uncombined water.
B.5	**Emission Unit ID:** 01 **Equipment ID:** GSG, RS1/ Gun A1, Gun B1, Gun C1, Gun D1, Gun E1, FOU **Control Device ID:** F1, F2 (S.C. Regulation 61-62.1, Section II(E)) This facility has established federally enforceable emissions limitations to limit its potential to emit to less than 250.0 tons per year for VOC emissions to avoid PSD.
B.6	**Emission Unit ID:** 01 **Equipment ID:** GSG, RS1/ Gun A1, Gun B1, Gun C1, Gun D1, Gun E1, FOU **Control Device ID:** F1, F2 (S.C. Regulation 61-62.1, Section II(E) and II(J)(2)) The owner or operator shall maintain records of all volatile organic compounds (VOC). These records shall include the total amount of each material used, the VOC content in percent by weight of each material and any other records necessary to determine VOC emissions. VOC emissions shall be calculated monthly, and a twelve-month rolling sum shall be calculated monthly. Facility-wide emission totals must include emissions from insignificant activities. Emissions from malfunctions are required to be quantified and included in the calculations. The twelve-month rolling sum shall be less than 250.0 tons for VOC. Reports of the calculated values and the twelve-month rolling sum, calculated for each month in the reporting period, shall be submitted semiannually. An algorithm, including example calculations and emission factors, explaining the method used to determine emission rates shall only be included in the initial report. Subsequent submittals of the algorithm are required within 30 days of the change if the algorithm or basis for emissions is modified or the Department requests additional information.
B.7	**Emission Unit ID:** 01 **Equipment ID:** RS1/ Gun F1, Gun G1, RS2/ Gun A2, Gun B2, Gun C2, Gun D2, FW/ Winder A, Winder B (S.C. Regulation 61-62.1, Section II(E)) This facility has established federally enforceable emissions limitations to limit the potential to emit from these sources to less than 250.0 tons per year of VOC emissions to avoid PSD for this project.

B. LIMITATIONS, MONITORING, AND REPORTING	
Condition Number	**Conditions**
B.8	**Emission Unit ID:** 01 **Equipment ID:** RS1/ Gun F1, Gun G1, RS2/ Gun A2, Gun B2, Gun C2, Gun D2, FW/ Winder A, Winder B **Control Device ID:** F1 (S.C. Regulation 61-62.1, Section II(E) and II(J)(2)) The owner or operator shall maintain records of all volatile organic compounds (VOC). These records shall include the total amount of each material used, the VOC content in percent by weight of each material and any other records necessary to determine VOC emissions. VOC emissions shall be calculated monthly, and a twelve-month rolling sum shall be calculated monthly. Facility-wide emission totals must include emissions from insignificant activities. Emissions from malfunctions are required to be quantified and included in the calculations. The twelve-month rolling sum shall be less than 250.0 tons for VOC. Reports of the calculated values and the twelve-month rolling sum, calculated for each month in the reporting period, shall be submitted semiannually. An algorithm, including example calculations and emission factors, explaining the method used to determine emission rates shall only be included in the initial report. Subsequent submittals of the algorithm are required within 30 days of the change if the algorithm or basis for emissions is modified or the Department requests additional information.
B.9	**Emission Unit ID:** 01 **Equipment ID:** GSG, RS1, RS2 **Control Device ID:** F1 Activities conducted by an affected source (as detailed below), that meet all criteria of this condition, shall be allowed without a construction permit or without revising or reopening the operating permit unless otherwise specified by S.C. Regulation 61-62.70 or any other State or Federal requirement. Affected Sources, as defined by 40 CFR Section 63.5689: Open molding resin and gel coat operations (including pigmented gel coat, clear gel coat, production resin, tooling gel, and tooling resin), closed molding resin operations, resin and gel coat mixing operations, resin and gel coat application equipment cleaning operations, and carpet and fabric adhesives operations. Affected Sources, as defined by 40 CFR 63.5790: Open molding, closed molding, cleaning of equipment used in reinforced plastic composites manufacture, HAP-containing materials storage, and repair operations on parts you also manufacture. Allowed Activities: 1. Addition or replacement of gelcoat guns used for the application of either clear or pigmented gelcoat containing styrene or methyl methacrylate. a. The facility shall maintain the following in an On-Site Implementation Log (OSIL),

B. LIMITATIONS, MONITORING, AND REPORTING	
Condition Number	**Conditions**
	defined below: i. The total number of guns in use on-site; ii. The total number of guns available for use on-site; and iii. The designation as to whether the gun is atomized or non-atomized. 2. Addition or replacement of any equipment (laminate chopper guns, molding guns, resin operations, etc.) used for the application of resin or putty containing styrene or methyl methacrylate (with or without pigment and / or fibers). a. The facility shall maintain the following in an OSIL, defined below: i. The total number of pieces of in use on-site; ii. The total number of pieces of equipment available for use on-site; and iii. The designation as to whether the gun is atomized or non-atomized. Criteria: 1. The activity shall not result in emissions that will exceed any limit in this permit. 2. The activity shall not trigger applicability of a new regulation or regulatory requirement not already included in this permit. 3. The activity shall not result in a change in a permit term, condition, or limit. The application of a current permit term, condition, or limit to any additional unit or equipment shall not constitute a change in a permit term, condition, or limit. 4. Compliance with S.C. Regulations 61-62.5, Standards No. 2 (Ambient Air Quality Standards), No. 7 (Prevention of Significant Deterioration), and No. 8 (Toxic Air Pollutants) is not affected. As part of this permit flexibility, the facility shall keep an OSIL to document all activities conducted hereunder. The OSIL shall provide detailed contemporaneous information supporting the changes made under this condition. The OSIL shall be readily available to the Department and submitted semiannually to the Department. If no changes to the OSIL occurred during the reporting period, then the report shall state as such. This permit flexibility condition does not alter any obligations that the source shall comply with in the Title V permit, 40 CFR 63 Subpart VVVV, or 40 CFR 63 Subpart WWWW. Consistency with the requirements of this condition does not protect a source from violation of the 40 CFR 63 Subpart VVVV or 40 CFR 63 Subpart WWWW standard where calculations are in error or there is failure to assure compliance with the Subpart. The owner or operator must cease implementation of any permit flexibility activity if it is found to be inconsistent with the permit flexibility conditions. Failure to do so may result in being subject to possible enforcement action(s). The owner or operator assumes the risk of any financial loss resulting from implementing the modification(s).

C. NESHAP (40 CFR 61 AND 40 CFR 63)

Condition Number	Conditions
C.1	(40 CFR §63.9(a)(4)(ii) and §63.10(a)(4)(ii)) All NESHAP notifications and reports shall be sent to the Department. Electronic submission of notifications or reports to the United States Environmental Protection Agency (US EPA) via CEDRI (Compliance and Emissions Data Reporting Interface) shall serve as the submission to the Department. CEDRI can be accessed through the EPA's Central Data Exchange (CDX).
C.2	(40 CFR §63.9(a)(4)(ii) and §63.10(a)(4)(ii)) All NESHAP notifications and reports requiring electronic submission to US EPA shall be submitted to EPA via CEDRI. Notifications and reports for specific NESHAP subparts not yet requiring electronic submission may also be submitted via CEDRI. Notifications and the accompanying cover letter for periodic reports not submitted via CEDRI shall be sent to the US EPA Region 4 Air and Radiation Division as required by the applicable subpart.
C.3	(S.C. Regulation 61-62.60 and 62.63; 40 CFR 60 and 63) Emergency engines less than or equal to 150 kilowatt (kW) rated capacity, emergency engines greater than 150 kW rated capacity designated for emergency use only and operated a total of 500 hours per year or less for testing and maintenance and have a method to record the actual hours of use, such as an hour meter, and diesel engine driven emergency fire pumps that are operated a total of 500 hours per year or less for testing and maintenance and have a method to record the actual hours of use, such as an hour meter, have been determined to be exempt from construction permitting requirements in accordance with S.C. Regulation 61-62.1. (40 CFR 60; 40 CFR 63) If present, these sources shall still comply with the requirements of all applicable regulations, including but not limited to the following: New Source Performance Standards (NSPS) 40 CFR 60 Subpart A (General Provisions); NSPS 40 CFR 60 Subpart IIII (Stationary Compression Ignition Internal Combustion Engines); NSPS 40 CFR 60 Subpart JJJJ (Stationary Spark Ignition Internal Combustion Engines); National Emission Standards for Hazardous Air Pollutants (NESHAP) 40 CFR 63 Subpart A (General Provisions); and NESHAP 40 CFR 63 Subpart ZZZZ (Stationary Reciprocating Internal Combustion Engines).
C.4	**Emission Unit ID:** 01 **Equipment ID:** GSG, RS1, FW, RS2, FOU - Closed Molding, FOU - Equipment Cleaning (S.C. Regulation 61-62.63; 40 CFR 63) This facility has processes subject to the provisions of S.C. Regulation 61-62.63 and 40 CFR Part 63, National Emission Standards for Hazardous Air Pollutants, Subparts A and VVVV, National Emission Standards for Hazardous Air Pollutants for Boat Manufacturing. Existing affected sources shall be in compliance with the requirements of these Subparts by the compliance date, unless otherwise noted. Any new affected sources shall comply with the requirements of these Subparts upon initial start-up unless otherwise noted.
C.5	**Emission Unit ID:** 01 **Equipment ID:** GSG, RS1, FW, RS2, FOU - Closed Molding, FOU - Equipment Cleaning § 63.5683 Does this subpart apply to me? (a) This subpart applies to you if you meet both of the criteria listed in paragraphs (a)(1) and (2) of this section.

C. NESHAP (40 CFR 61 AND 40 CFR 63)	
Condition Number	**Conditions**
	(1) You are the owner or operator of a boat manufacturing facility that builds fiberglass boats or aluminum recreational boats. (2) Your boat manufacturing facility is a major source of HAP either in and of itself, or because it is collocated with other sources of HAP, such that all sources combined constitute a major source. (b) A boat manufacturing facility is a facility that manufactures hulls or decks of boats from fiberglass or aluminum, or assembles boats from premanufactured hulls and decks, or builds molds to make fiberglass hulls or decks. A facility that manufactures only parts of boats (such as hatches, seats, or lockers) or boat trailers is not considered a boat manufacturing facility for the purpose of this subpart. (c) A major source is any stationary source or group of stationary sources located within a contiguous area and under common control that emits or can potentially emit, considering controls, in the aggregate, 9.1 megagrams (10 tons) or more per year of a single HAP or 22.7 megagrams (25 tons) or more per year of a combination of HAP.
C.6	**Emission Unit ID:** 01 **Equipment ID:** GSG, RS1, FW, RS2, FOU - Closed Molding, FOU - Equipment Cleaning § 63.5689 What parts of my facility are covered by this subpart? The affected source (the portion of your boat manufacturing facility covered by this subpart) is the combination of all of the boat manufacturing operations listed in paragraphs (a) through (f) of this section. (a) Open molding resin and gel coat operations (including pigmented gel coat, clear gel coat, production resin, tooling gel coat, and tooling resin). (b) Closed molding resin operations. (c) Resin and gel coat mixing operations. (d) Resin and gel coat application equipment cleaning operations. (e) Carpet and fabric adhesive operations.
C.7	**Emission Unit ID:** 01 **Equipment ID:** GSG, RS1, FW, RS2, FOU - Closed Molding, FOU - Equipment Cleaning § 63.5698 What emission limit must I meet for open molding resin and gel coat operations? (a) You must limit organic HAP emissions from the five open molding operations listed in paragraphs (a)(1) through (5) of this section to the emission limit specified in paragraph (b) of this section. Operations listed in paragraph (d) are exempt from this limit.

C. NESHAP (40 CFR 61 AND 40 CFR 63)

Condition Number	Conditions
	(1) Production resin. (2) Pigmented gel coat. (3) Clear gel coat. (4) Tooling resin. (5) Tooling gel coat. (b) You must limit organic HAP emissions from open molding operations to the limit specified by equation 1 of this section, based on a 12-month rolling average. $HAP\ Limit = \left[46(M_R) + 159(M_{PG}) + 291(M_{CG}) + 54(M_{TR}) + 214(M_{TG})\right] \quad (Eq.\ 1)$ Where: HAP Limit= total allowable organic HAP that can be emitted from the open molding operations, kilograms. MR = mass of production resin used in the past 12 months, excluding any materials exempt under paragraph (d) of this section, megagrams. MPG = mass of pigmented gel coat used in the past 12 months, excluding any materials exempt under paragraph (d) of this section, megagrams. MCG = mass of clear gel coat used in the past 12 months, excluding any materials exempt under paragraph (d) of this section, megagrams. MTR = mass of tooling resin used in the past 12 months, excluding any materials exempt under paragraph (d) of this section, megagrams. MTG = mass of tooling gel coat used in the past 12 months, excluding any materials exempt under paragraph (d) of this section, megagrams. (c) The open molding emission limit is the same for both new and existing sources. (d) The materials specified in paragraphs (d)(1) through (3) of this section are exempt from the open molding emission limit specified in paragraph (b) of this section. (1) Production resins (including skin coat resins) that must meet specifications for use in military vessels or must be approved by the U.S. Coast Guard for use in the construction of lifeboats, rescue boats, and other

C. NESHAP (40 CFR 61 AND 40 CFR 63)	
Condition Number	**Conditions**
	life-saving appliances approved under 46 CFR subchapter Q or the construction of small passenger vessels regulated by 46 CFR subchapter T. Production resins for which this exemption is used must be applied with nonatomizing (non-spray) resin application equipment. You must keep a record of the resins for which you are using this exemption. (2) Pigmented, clear, and tooling gel coat used for part or mold repair and touch up. The total gel coat materials included in this exemption must not exceed 1 percent by weight of all gel coat used at your facility on a 12-month rolling-average basis. You must keep a record of the amount of gel coats used per month for which you are using this exemption and copies of calculations showing that the exempt amount does not exceed 1 percent of all gel coat used. (3) Pure, 100 percent vinylester resin used for skin coats. This exemption does not apply to blends of vinylester and polyester resins used for skin coats. The total resin materials included in the exemption cannot exceed 5 percent by weight of all resin used at your facility on a 12-month rolling-average basis. You must keep a record of the amount of 100 percent vinylester skin coat resin used per month that is eligible for this exemption and copies of calculations showing that the exempt amount does not exceed 5 percent of all resin used.
C.8	**Emission Unit ID:** 01 **Equipment ID:** GSG, RS1, FW, RS2, FOU - Closed Molding, FOU - Equipment Cleaning § 63.5701 What are my options for complying with the open molding emission limit? You must use one or more of the options listed in paragraphs (a) through (c) of this section to meet the emission limit in § 63.5698 for the resins and gel coats used in open molding operations at your facility. (a) Maximum achievable control technology (MACT) model point value averaging (emissions averaging) option. (1) Demonstrate that emissions from the open molding resin and gel coat operations that you average meet the emission limit in § 63.5698 using the procedures described in § 63.5710. Compliance with this option is based on a 12-month rolling average. (2) Those operations and materials not included in the emissions average must comply with either paragraph (b) or (c) of this section.
C.9	**Emission Unit ID:** 01 **Equipment ID:** GSG, RS1, FW, RS2, FOU - Closed Molding, FOU - Equipment Cleaning § 63.5704 What are the general requirements for complying with the open molding emission limit? (a) Emissions averaging option. For those open molding operations and materials complying using the emissions averaging option, you must demonstrate compliance by performing the steps in paragraphs (a)(1) through (5) of this section.

C. NESHAP (40 CFR 61 AND 40 CFR 63)	
Condition Number	**Conditions**
	(1) Use the methods specified in § 63.5758 to determine the organic HAP content of resins and gel coats. (2) Complete the calculations described in § 63.5710 to show that the organic HAP emissions do not exceed the limit specified in § 63.5698. (3) Keep records as specified in paragraphs (a)(3)(i) through (iv) of this section for each resin and gel coat. (i) Hazardous air pollutant content. (ii) Amount of material used per month. (iii) Application method used for production resin and tooling resin. This record is not required if all production resins and tooling resins are applied with nonatomized technology. (iv) Calculations performed to demonstrate compliance based on MACT model point values, as described in § 63.5710. (4) Prepare and submit the implementation plan described in § 63.5707 to the Administrator and keep it up to date. (5) Submit semiannual compliance reports to the Administrator as specified in § 63.5764.
C.10	**Emission Unit ID:** 01 **Equipment ID:** GSG, RS1, FW, RS2, FOU - Closed Molding, FOU - Equipment Cleaning § 63.5707 What is an implementation plan for open molding operations and when do I need to prepare one? (d) You must keep the implementation plan on site and provide it to the Administrator when asked. (e) If you revise the implementation plan, you must submit the revised plan with your next semiannual compliance report specified in § 63.5764.
C.11	**Emission Unit ID:** 01 **Equipment ID:** GSG, RS1, FW, RS2, FOU - Closed Molding, FOU - Equipment Cleaning § 63.5710 How do I demonstrate compliance using emissions averaging? (a) Compliance using the emissions averaging option is demonstrated on a 12-month rolling-average basis and is determined at the end of every month (12 times per year). The first 12-month rolling-average period begins on the compliance date specified in § 63.5695. (b) At the end of the twelfth month after your compliance date and at the end of every subsequent month, use equation 1 of this section to demonstrate that the organic HAP emissions from those operations included

C. NESHAP (40 CFR 61 AND 40 CFR 63)

Condition Number	Conditions
	in the average do not exceed the emission limit in § 63.5698 calculated for the same 12-month period. (Include terms in equation 1 of § 63.5698 and equation 1 of this section for only those operations and materials included in the average.) $$HAP\ \text{emissions} = \left[(\mathrm{PV_R})(M_R) + (PV_{PG})(M_{PG}) + (PV_{CG})(M_{CG}) + (PV_{TR})(M_{TR}) + (PV_{TG})(M_{TG})\right] \qquad (Eq.\ 1)$$ Where: HAP emissions= Organic HAP emissions calculated using MACT model point values for each operation included in the average, kilograms. PVR = Weighted-average MACT model point value for production resin used in the past 12 months, kilograms per megagram. MR = Mass of production resin used in the past 12 months, megagrams. PVPG = Weighted-average MACT model point value for pigmented gel coat used in the past 12 months, kilograms per megagram. MPG = Mass of pigmented gel coat used in the past 12 months, megagrams. PVCG = Weighted-average MACT model point value for clear gel coat used in the past 12 months, kilograms per megagram. MCG = Mass of clear gel coat used in the past 12 months, megagrams. PVTR = Weighted-average MACT model point value for tooling resin used in the past 12 months, kilograms per megagram. MTR = Mass of tooling resin used in the past 12 months, megagrams. PVTG = Weighted-average MACT model point value for tooling gel coat used in the past 12 months, kilograms per megagram. MTG = Mass of tooling gel coat used in the past 12 months, megagrams. (c) At the end of every month, use equation 2 of this section to compute the weighted-average MACT model point value for each open molding resin and gel coat operation included in the average.

C. NESHAP (40 CFR 61 AND 40 CFR 63)

Condition Number	Conditions
	$$PV_{OP} = \frac{\sum_{i=1}^{n}(M_i\ PV_i)}{\sum_{i=1}^{n}(M_i)} \quad (Eq.\ 2)$$ Where: PVOP = weighted-average MACT model point value for each open molding operation (PVR, PVPG, PVCG, PVTR, and PVTG) included in the average, kilograms of HAP per megagram of material applied. Mi = mass of resin or gel coat i used within an operation in the past 12 months, megagrams. n = number of different open molding resins and gel coats used within an operation in the past 12 months. PVi = the MACT model point value for resin or gel coat i used within an operation in the past 12 months, kilograms of HAP per megagram of material applied. (d) You must use the equations in Table 3 to this subpart to calculate the MACT model point value (PVi) for each resin and gel coat used in each operation in the past 12 months. (e) If the organic HAP emissions, as calculated in paragraph (b) of this section, are less than the organic HAP limit calculated in § 63.5698(b) for the same 12-month period, then you are in compliance with the emission limit in § 63.5698 for those operations and materials included in the average.
C.12	**Emission Unit ID:** 01 **Equipment ID:** GSG, RS1, FW, RS2, FOU - Closed Molding, FOU - Equipment Cleaning § 63.5714 How do I demonstrate compliance if I use filled resins? (a) If you are using a filled production resin or filled tooling resin, you must demonstrate compliance for the filled material on an as-applied basis using equation 1 of this section. $$PV_F = PV_u \times \frac{(100 - \%\ Filler)}{100} \quad (Eq.\ 1)$$ Where: PVF = The as-applied MACT model point value for a filled production resin or tooling resin, kilograms organic HAP per megagram of filled material. PVu = The MACT model point value for the neat (unfilled) resin, before filler is added, as calculated using the formulas in Table 3 to this subpart.

C. NESHAP (40 CFR 61 AND 40 CFR 63)	
Condition Number	**Conditions**
	% Filler = The weight-percent of filler in the as-applied filled resin system. (b) If the filled resin is used as a production resin and the value of PVF calculated by equation 1 of this section does not exceed 46 kilograms of organic HAP per megagram of filled resin applied, then the filled resin is in compliance. (c) If the filled resin is used as a tooling resin and the value of PVF calculated by equation 1 of this section does not exceed 54 kilograms of organic HAP per megagram of filled resin applied, then the filled resin is in compliance. (d) If you are including a filled resin in the emissions averaging procedure described in § 63.5710, then use the value of PVF calculated using equation 1 of this section for the value of PV i in equation 2 of § 63.5710.
C.13	**Emission Unit ID:** 01 **Equipment ID:** GSG, RS1, FW, RS2, FOU - Closed Molding, FOU - Equipment Cleaning § 63.5728 What standards must I meet for closed molding resin operations? (a) If a resin application operation meets the definition of closed molding specified in § 63.5779, there is no requirement to reduce emissions from that operation. (b) If the resin application operation does not meet the definition of closed molding, then you must comply with the limit for open molding resin operations specified in § 63.5698. (c) Open molding resin operations that precede a closed molding operation must comply with the limit for open molding resin and gel coat operations specified in § 63.5698. Examples of these operations include gel coat or skin coat layers that are applied before lamination is performed by closed molding.
C.14	**Emission Unit ID:** 01 **Equipment ID:** GSG, RS1, FW, RS2, FOU - Closed Molding, FOU - Equipment Cleaning § 63.5734 What standards must I meet for resin and gel coat application equipment cleaning operations? (a) For routine flushing of resin and gel coat application equipment (e.g., spray guns, flowcoaters, brushes, rollers, and squeegees), you must use a cleaning solvent that contains no more than 5 percent organic HAP by weight. For removing cured resin or gel coat from application equipment, no organic HAP content limit applies. (b) You must store organic HAP-containing solvents used for removing cured resin or gel coat in containers with covers. The covers must have no visible gaps and must be in place at all times, except when equipment to be cleaned is placed in or removed from the container. On containers with a capacity greater than 7.6 liters, the distance from the top of the container to the solvent surface must be no less than 0.75 times the diameter of the container. Containers that store organic HAP-containing solvents used for removing cured

C. NESHAP (40 CFR 61 AND 40 CFR 63)	
Condition Number	**Conditions**
	resin or gel coat are exempt from the requirements of 40 CFR part 63, subpart T. Cured resin or gel coat means resin or gel coat that has changed from a liquid to a solid.
C.15	**Emission Unit ID:** 01 **Equipment ID:** GSG, RS1, FW, RS2, FOU - Closed Molding, FOU - Equipment Cleaning § 63.5737 How do I demonstrate compliance with the resin and gel coat application equipment cleaning standards? (a) Determine and record the organic HAP content of the cleaning solvents subject to the standards specified in § 63.5734 using the methods specified in § 63.5758. (b) If you recycle cleaning solvents on site, you may use documentation from the solvent manufacturer or supplier or a measurement of the organic HAP content of the cleaning solvent as originally obtained from the solvent supplier for demonstrating compliance, subject to the conditions in § 63.5758 for demonstrating compliance with organic HAP content limits. (c) At least once per month, you must visually inspect any containers holding organic HAP-containing solvents used for removing cured resin and gel coat to ensure that the containers have covers with no visible gaps. Keep records of the monthly inspections and any repairs made to the covers.
C.16	**Emission Unit ID:** 01 **Equipment ID:** GSG, RS1, FW, RS2, FOU - Closed Molding, FOU - Equipment Cleaning § 63.5758 How do I determine the organic HAP content of materials? (a) Determine the organic HAP content for each material used. To determine the organic HAP content for each material used in your open molding resin and gel coat operations, carpet and fabric adhesive operations, or aluminum recreational boat surface coating operations, you must use one of the options in paragraphs (a)(1) through (6) of this section. (1) Method 311 (appendix A to 40 CFR part 63). You may use Method 311 for determining the mass fraction of organic HAP. Use the procedures specified in paragraphs (a)(1)(i) and (ii) of this section when determining organic HAP content by Method 311. (i) Include in the organic HAP total each organic HAP that is measured to be present at 0.1 percent by mass or more for Occupational Safety and Health Administration (OSHA)-defined carcinogens as specified in 29 CFR 1910.1200(d)(4) and at 1.0 percent by mass or more for other compounds. For example, if toluene (not an OSHA carcinogen) is measured to be 0.5 percent of the material by mass, you do not need to include it in the organic HAP total. Express the mass fraction of each organic HAP you measure as a value truncated to four places after the decimal point (for example, 0.1234). (ii) Calculate the total organic HAP content in the test material by adding up the individual organic HAP contents and truncating the result to three places after the decimal point (for example, 0.123).

C. NESHAP (40 CFR 61 AND 40 CFR 63)	
Condition Number	**Conditions**
	(2) Method 24 (appendix A to 40 CFR part 60). You may use Method 24 to determine the mass fraction of non-aqueous volatile matter of aluminum coatings and use that value as a substitute for mass fraction of organic HAP. (3) ASTM D1259-85 (Standard Test Method for Nonvolatile Content of Resins). You may use ASTM D1259-85 (available for purchase from ASTM) to measure the mass fraction of volatile matter of resins and gel coats for open molding operations and use that value as a substitute for mass fraction of organic HAP. (4) Alternative method. You may use an alternative test method for determining mass fraction of organic HAP if you obtain prior approval by the Administrator. You must follow the procedure in § 63.7(f) to submit an alternative test method for approval. (5) Information from the supplier or manufacturer of the material. You may rely on information other than that generated by the test methods specified in paragraphs (a)(1) through (4) of this section, such as manufacturer's formulation data, according to paragraphs (a)(5)(i) through (iii) of this section. (i) Include in the organic HAP total each organic HAP that is present at 0.1 percent by mass or more for OSHA-defined carcinogens as specified in 29 CFR 1910.1200(d)(4) and at 1.0 percent by mass or more for other compounds. For example, if toluene (not an OSHA carcinogen) is 0.5 percent of the material by mass, you do not have to include it in the organic HAP total. (ii) If the organic HAP content is provided by the material supplier or manufacturer as a range, then you must use the upper limit of the range for determining compliance. If a separate measurement of the total organic HAP content using the methods specified in paragraphs (a)(1) through (4) of this section exceeds the upper limit of the range of the total organic HAP content provided by the material supplier or manufacturer, then you must use the measured organic HAP content to determine compliance. (iii) If the organic HAP content is provided as a single value, you may assume the value is a manufacturing target value and actual organic HAP content may vary from the target value. If a separate measurement of the total organic HAP content using the methods specified in paragraphs (a)(1) through (4) of this section is less than 2 percentage points higher than the value for total organic HAP content provided by the material supplier or manufacturer, then you may use the provided value to demonstrate compliance. If the measured total organic HAP content exceeds the provided value by 2 percentage points or more, then you must use the measured organic HAP content to determine compliance. (6) Solvent blends. Solvent blends may be listed as single components for some regulated materials in certifications provided by manufacturers or suppliers. Solvent blends may contain organic HAP which must be counted toward the total organic HAP content of the materials. When detailed organic HAP content data for solvent blends are not available, you may use the values for organic HAP content that are listed in Table 5 or 6 to this subpart. You may use Table 6 to this subpart only if the solvent blends in the materials you use do not match any of the solvent blends in Table 5 to this subpart and you know only whether the blend is

C. NESHAP (40 CFR 61 AND 40 CFR 63)	
Condition Number	**Conditions**
	either aliphatic or aromatic. However, if test results indicate higher values than those listed in Table 5 or 6 to this subpart, then the test results must be used for determining compliance.
C.17	**Emission Unit ID:** 01 **Equipment ID:** GSG, RS1, FW, RS2, FOU - Closed Molding, FOU - Equipment Cleaning § 63.5761 What notifications must I submit and when? (a) You must submit all of the notifications in Table 7 to this subpart that apply to you by the dates in the table. The notifications are described more fully in 40 CFR part 63, subpart A, General Provisions, referenced in Table 8 to this subpart. (b) If you change any information submitted in any notification, you must submit the changes in writing to the Administrator within 15 calendar days after the change.
C.18	**Emission Unit ID:** 01 **Equipment ID:** GSG, RS1, FW, RS2, FOU - Closed Molding, FOU - Equipment Cleaning § 63.5764 What reports must I submit and when? (a) You must submit the applicable reports specified in paragraphs (b) through (e) of this section. To the extent possible, you must organize each report according to the operations covered by this subpart and the compliance procedure followed for that operation. (b) Unless the Administrator has approved a different schedule for submission of reports under § 63.10(a), you must submit each report by the dates in paragraphs (b)(1) through (5) of this section. (3) Each subsequent compliance report must cover the applicable semiannual reporting period from January 1 through June 30 or from July 1 through December 31. (4) Each subsequent compliance report must be postmarked or delivered no later than 60 calendar days after the end of the semiannual reporting period. (5) For each affected source that is subject to permitting regulations pursuant to 40 CFR part 70 or 71, and if the permitting authority has established dates for submitting semiannual reports pursuant to 40 CFR 70.6(a)(3)(iii)(A) or 40 CFR 71.6(a)(3)(iii)(A), you may submit the first and subsequent compliance reports according to the dates the permitting authority has established instead of according to the dates in paragraphs (b)(1) through (4) of this section. (c) The compliance report must include the information specified in paragraphs (c)(1) through (7) of this section. (1) Company name and address.

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Condition Number	**Conditions**
	(2) A statement by a responsible official with that official's name, title, and signature, certifying the truth, accuracy, and completeness of the report. (3) The date of the report and the beginning and ending dates of the reporting period. (4) A description of any changes in the manufacturing process since the last compliance report. (5) A statement or table showing, for each regulated operation, the applicable organic HAP content limit, application equipment requirement, or MACT model point value averaging provision with which you are complying. The statement or table must also show the actual weighted-average organic HAP content or weighted-average MACT model point value (if applicable) for each operation during each of the rolling 12-month averaging periods that end during the reporting period. (6) If you were in compliance with the emission limits and work practice standards during the reporting period, you must include a statement to that effect. (7) If you deviated from an emission limit or work practice standard during the reporting period, you must also include the information listed in paragraphs (c)(7)(i) through (iv) of this section in the semiannual compliance report. (i) A description of the operation involved in the deviation. (ii) The quantity, organic HAP content, and application method (if relevant) of the materials involved in the deviation. (iii) A description of any corrective action you took to minimize the deviation and actions you have taken to prevent it from happening again. (iv) A statement of whether or not your facility was in compliance for the 12-month averaging period that ended at the end of the reporting period.
C.19	**Emission Unit ID:** 01 **Equipment ID:** GSG, RS1, FW, RS2, FOU - Closed Molding, FOU - Equipment Cleaning § 63.5767 What records must I keep? You must keep the records specified in paragraphs (a) through (d) of this section in addition to records specified in individual sections of this subpart. (a) You must keep a copy of each notification and report that you submitted to comply with this subpart. (b) You must keep all documentation supporting any notification or report that you submitted.

C. NESHAP (40 CFR 61 AND 40 CFR 63)	
Condition Number	**Conditions**
	(c) If your facility is not controlled by an add-on control device (i.e., you are complying with organic HAP content limits, application equipment requirements, or MACT model point value averaging provisions), you must keep the records specified in paragraphs (c)(1) through (3) of this section. (1) The total amounts of open molding production resin, pigmented gel coat, clear gel coat, tooling resin, and tooling gel coat used per month and the weighted-average organic HAP contents for each operation, expressed as weight-percent. For open molding production resin and tooling resin, you must also record the amounts of each applied by atomized and nonatomized methods. (2) The total amount of each aluminum coating used per month (including primers, top coats, clear coats, thinners, and activators) and the weighted-average organic HAP content as determined in § 63.5752. (3) The total amount of each aluminum wipedown solvent used per month and the weighted-average organic HAP content as determined in § 63.5749.
C.20	**Emission Unit ID:** 01 **Equipment ID:** GSG, RS1, FW, RS2, FOU - Closed Molding, FOU - Equipment Cleaning § 63.5770 In what form and for how long must I keep my records? (a) Your records must be readily available and in a form so they can be easily inspected and reviewed. (b) You must keep each record for 5 years following the date that each record is generated. (c) You must keep each record on site for at least 2 years after the date that each record is generated. You can keep the records offsite for the remaining 3 years. (d) You can keep the records on paper or an alternative media, such as microfilm, computer, computer disks, magnetic tapes, or on microfiche. (e) Any records required to be maintained by this part that are submitted electronically via the EPA's CEDRI may be maintained in electronic format. This ability to maintain electronic copies does not affect the requirement for facilities to make records, data, and reports available upon request to a delegated air agency or the EPA as part of an on-site compliance evaluation. [66 FR 44232, Aug. 22, 2001, as amended at 85 FR 15973, Mar. 20, 2020]
C.21	**Emission Unit ID:** 01 **Equipment ID:** GSG, RS1, FW, RS2, FOU - Closed Molding, FOU - Equipment Cleaning § 63.5773 What parts of the General Provisions apply to me? You must comply with the requirements of the General Provisions in 40 CFR part 63, subpart A, as specified in Table 8 to this subpart.

C. NESHAP (40 CFR 61 AND 40 CFR 63)

<table>
<tr><th>Condition Number</th><th>Conditions</th></tr>
<tr><td>C.22</td><td>
Emission Unit ID: 01
Equipment ID: GSG, RS1, FW, RS2, FOU - Closed Molding, FOU - Equipment Cleaning

Table 3 to Subpart VVVV of Part 63—MACT Model Point Value Formulas for Open Molding Operations[1]

As specified in §§ 63.5710(d) and 63.5714(a), you must calculate point values using the formulas in the following table:
<table>
<tr><th>For this operation—</th><th>And this application method—</th><th>Use this formula to calculate the MACT model plant value for each resin and gel coat—</th></tr>
<tr><td>1. Production resin, tooling resin</td><td>a. Atomized</td><td>0.014 × (Resin HAP%)$^{2.425}$</td></tr>
<tr><td></td><td>b. Atomized, plus vacuum bagging with roll-out</td><td>0.01185 × (Resin HAP%)$^{2.425}$</td></tr>
<tr><td></td><td>c. Atomized, plus vacuum bagging without roll-out</td><td>0.00945 × (Resin HAP%)$^{2.425}$</td></tr>
<tr><td></td><td>d. Nonatomized</td><td>0.014 × (Resin HAP%)$^{2.275}$</td></tr>
<tr><td></td><td>e. Nonatomized, plus vaccum bagging with roll-out</td><td>0.0110 × (Resin HAP%)$^{2.275}$</td></tr>
<tr><td></td><td>f. Nonatomized, plus vacuum bagging without roll-out</td><td>0.0076 × (Resin HAP%)$^{2.275}$</td></tr>
<tr><td>2. Pigmented gel coat, clear gel coat, tooling gel coat</td><td>All methods</td><td>0.445 × (Gel coat HAP%)$^{1.675}$</td></tr>
<tr><td colspan="3">[1] Equations calculate MACT model point value in kilograms of organic HAP per megagrams of resin or gel coat applied. The equations for vacuum bagging with roll-out are applicable when a facility rolls out the applied resin and fabric prior to applying the vacuum bagging materials. The equations for vacuum bagging without roll-out are applicable when a facility applies the vacuum bagging materials immediately after resin application without rolling out the resin and fabric. HAP% = organic HAP content as supplied, expressed as a weight-percent value between 0 and 100 percent.</td></tr>
</table>
</td></tr>
<tr><td>C.23</td><td>
Emission Unit ID: 01
Equipment ID: GSG, RS1, FW, RS2, FOU - Closed Molding, FOU - Equipment Cleaning

Table 5 to Subpart VVVV of Part 63—Default Organic HAP Contents of Solvents and Solvent Blends

As specified in § 63.5758(a)(6), when detailed organic HAP content data for solvent blends are not available, you may use the values in the following table:
</td></tr>
</table>

C. NESHAP (40 CFR 61 AND 40 CFR 63)

Condition Number	Conditions

Solvent/solvent blend	CAS No.	Average organic HAP content, percent by mass	Typical organic HAP, percent by mass
1. Toluene	108-88-3	100	Toluene.
2. Xylene(s)	1330-20-7	100	Xylenes, ethylbenzene.
3. Hexane	110-54-3	50	n-hexane.
4. n-hexane	110-54-3	100	n-hexane.
5. Ethylbenzene	100-41-4	100	Ethylbenzene.
6. Aliphatic 140		0	None.
7. Aromatic 100		2	1% xylene, 1% cumene.
8. Aromatic 150		9	Naphthalene.
9. Aromatic naptha	64742-95-6	2	1% xylene, 1% cumene.
10. Aromatic solvent	64742-94-5	10	Naphthalene.
11. Exempt mineral spirits	8032-32-4	0	None.
12. Ligroines (VM & P)	8032-32-4	0	None.
13. Lactol spirits	64742-89-6	15	Toluene.
14. Low aromatic white spirit	64742-82-1	0	None.
15. Mineral spirits	64742-88-7	1	Xylenes.
16. Hydrotreated naphtha	64742-48-9	0	None.
17. Hydrotreated light distillate	64742-47-8	0.1	Toluene.
18. Stoddard solvent	8052-41-3	1	Xylenes.
19. Super high-flash naphtha	64742-95-6	5	Xylenes.
20. Varol ® solvent	8052-49-3	1	0.5% xylenes, 0.5% ethyl benzene.
21. VM & P naphtha	64742-89-8	6	3% toluene, 3% xylene.
22. Petroleum distillate mixture	68477-31-6	8	4% naphthalene, 4% biphenyl.

C.24

Emission Unit ID: 01
Equipment ID: GSG, RS1, FW, RS2, FOU - Closed Molding, FOU - Equipment Cleaning

Table 6 to Subpart VVVV of Part 63—Default Organic HAP Contents of Petroleum Solvent Groups

As specified in § 63.5758(a)(6), when detailed organic HAP content data for solvent blends are not available, you may use the values in the following table:

C. NESHAP (40 CFR 61 AND 40 CFR 63)

Condition Number	Conditions

Solvent type	Average organic HAP content, percent by mass	Typical organic HAP, percent by mass
Aliphatic (Mineral Spirits 135, Mineral Spirits 150 EC, Naphtha, Mixed Hydrocarbon, Aliphatic Hydrocarbon, Aliphatic Naptha, Naphthol Spirits, Petroleum Spirits, Petroleum Oil, Petroleum Naphtha, Solvent Naphtha, Solvent Blend.)	3	1% Xylene, 1% Toluene, and 1% Ethylbenzene.
Aromatic (Medium-flash Naphtha, High-flash Naphtha, Aromatic Naphtha, Light Aromatic Naphtha, Light Aromatic Hydrocarbons, Aromatic Hydrocarbons, Light Aromatic Solvent.)	6	4% Xylene, 1% Toluene, and 1% Ethylbenzene.

C.25

Emission Unit ID: 01
Equipment ID: GSG, RS1, FW, RS2, FOU - Closed Molding, FOU - Equipment Cleaning

Table 7 to Subpart VVVV of Part 63—Applicability and Timing of Notifications

As specified in § 63.5761(a), you must submit notifications according to 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).
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 content limits, application equipment requirements; or MACT model point value averaging provisions	A notification of compliance status as specified in § 63.9(h)	No later than 30 calendar days after the end of the first 12-month averaging period after your facility's compliance date.

C.26

Emission Unit ID: 01
Equipment ID: GSG, RS1, FW, RS2, FOU - Closed Molding, FOU - Equipment Cleaning

Table 8 to Subpart VVVV of Part 63—Applicability of General Provisions (40 CFR Part 63, Subpart A) to Subpart VVVV

As specified in § 63.5773, you must comply with the applicable requirements of the General Provisions according to the following table:

C. NESHAP (40 CFR 61 AND 40 CFR 63)

Condition Number	Conditions

Citation	Requirement	Applies to subpart VVVV	Explanation
§ 63.1(a)	General Applicability	Yes.	
§ 63.1(b)	Initial Applicability Determination	Yes.	
§ 63.1(c)(1)	Applicability After Standard Established	Yes.	
§ 63.1(c)(2)		Yes	Area sources are not regulated by subpart VVVV.
§ 63.1(c)(3)		No	[Reserved].
§ 63.1(c)(4)-(5)		Yes.	
§ 63.1(d)		No	[Reserved].
§ 63.1(e)	Applicability of Permit Program	Yes.	
§ 63.2	Definitions	Yes	Additional definitions are found in § 63.5779.
§ 63.3	Units and Abbreviations	Yes.	
§ 63.4(a)	Prohibited Activities	Yes.	
§ 63.4(b)-(c)	Circumvention/Severability	Yes.	
§ 63.5(a)	Construction/Reconstruction	Yes.	
§ 63.5(b)	Requirements for Existing, Newly Constructed, and Reconstructed Sources	Yes.	
§ 63.5(c)		No	[Reserved].
§ 63.5(d)	Application for Approval of Construction/Reconstruction	Yes.	
§ 63.5(e)	Approval of Construction/Reconstruction	Yes.	
§ 63.5(f)	Approval of Construction/Reconstruction Based on prior State Review	Yes.	
§ 63.6(a)	Compliance with Standards and Maintenance Requirements—Applicability	Yes.	
§ 63.6(b)	Compliance Dates for New and Reconstructed Sources	Yes	§ 63.695 specifies compliance dates, including the compliance date for new area sources that become major sources after the effective

C. NESHAP (40 CFR 61 AND 40 CFR 63)

Condition Number	Conditions			
				date of the rule.
	§ 63.6(c)	Compliance Dates for Existing Sources	Yes	§ 63.5695 specifies compliance dates, including the compliance date for existing area sources that become major sources after the effective date of the rule.
	§ 63.6(d)		No	[Reserved].
	§ 63.6(e)(1)-(2)	Operation and Maintenance Requirements	No	Operating requirements for open molding operations with add-on controls are specified in § 63.5725.
	§ 63.6(e)(3)	Startup, Shut Down, and Malfunction Plans	No	Only sources with add-on controls must complete startup, shutdown, and malfunction plans.
	§ 63.6(f)(1)		No.	
	§ 63.6(f)(2)-(3)	Compliance with Nonopacity Emission Standards	Yes.	
	§ 63.6(g)	Use of an Alternative Nonopacity Emission Standard	Yes.	
	§ 63.6(h)	Compliance with Opacity/Visible Emissions Standards	No	Subpart VVVV does not specify opacity or visible emission standards.
	§ 63.6(i)	Extension of Compliance with Emission Standards	Yes.	
	§ 63.6(j)	Exemption from Compliance with Emission Standards	Yes.	
	§ 63.7(a)(1)	Performance Test Requirements	Yes.	
	§ 63.7(a)(2)	Dates for performance tests	No	§ 63.5716 specifies performance test dates.
	§ 63.7(a)(3)	Performance testing at other times	Yes.	
	§ 63.7(b)-(h)	Other performance testing requirements	Yes.	
	§ 63.8(a)(1)-(2)	Monitoring Requirements—Applicability	Yes	All of § 63.8 applies only to sources with add-on controls. Additional monitoring requirements for sources with add-on controls are found in § 63.5725.
	§ 63.8(a)(3)		No	[Reserved].

C. NESHAP (40 CFR 61 AND 40 CFR 63)

Condition Number	Conditions			
	§ 63.8(a)(4)		No	Subpart VVVV does not refer directly or indirectly to § 63.11.
	§ 63.8(b)(1)	Conduct of Monitoring	Yes.	
	§ 63.8(b)(2)-(3)	Multiple Effluents and CMS	Yes	Applies to sources that use a CMS on the control device stack.
	§ 63.8(c)(1)(i) and (iii)	CMS Operation and Maintenance	No	References to startup, shutdown, malfunction are not applicable.
	§ 63.8(c)(1)-(4)	CMS Operation and Maintenance	Yes	Except those provisions in § 63.8(c)(1)(i) and (iii) as noted above.
	§ 63.8(c)(5)	Continuous Opacity Monitoring Systems (COMS)	No	Subpart VVVV does not have opacity or visible emission standards.
	§ 63.8(c)(6)-(8)	CMS Calibration Checks and Out-of-Control Periods	Yes.	
	§ 63.8(d)	Quality Control Program	Yes	Except those provisions of § 63.8(d)(3) regarding a startup, shutdown, malfunction plan as noted below.
	§ 63.8(d)(3)	Quality Control Program	No	No requirement for a startup, shutdown, malfunction plan.
	§ 63.8(e)	CMS Performance Evaluation	Yes.	
	§ 63.8(f)(1)-(5)	Use of an Alternative Monitoring Method	Yes.	
	§ 63.8(f)(6)	Alternative to Relative Accuracy Test	Yes	Applies only to sources that use continuous emission monitoring systems (CEMS).
	§ 63.8(g)	Data Reduction	Yes.	
	§ 63.9(a)	Notification Requirements—Applicability	Yes.	
	§ 63.9(b)	Initial Notifications	Yes.	
	§ 63.9(c)	Request for Compliance Extension	Yes.	
	§ 63.9(d)	Notification That a New Source Is Subject to Special Compliance Requirements	Yes.	
	§ 63.9(e)	Notification of Performance Test	Yes	Applies only to sources with add-on controls.
	§ 63.9(f)	Notification of Visible Emissions/Opacity Test	No	Subpart VVVV does not have opacity or visible emission standards.

C. NESHAP (40 CFR 61 AND 40 CFR 63)

Condition Number	Conditions			
	§ 63.9(g)(1)	Additional CMS Notifications—Date of CMS Performance Evaluation	Yes	Applies only to sources with add-on controls.
	§ 63.9(g)(2)	Use of COMS Data	No	Subpart VVVV does not require the use of COMS.
	§ 63.9(g)(3)	Alternative to Relative Accuracy Testing	Yes	Applies only to sources with CEMS.
	§ 63.9(h)	Notification of Compliance Status	Yes.	
	§ 63.9(i)	Adjustment of Deadlines	Yes.	
	§ 63.9(j)	Change in Previous Information	Yes.	
	§ 63.10(a)	Recordkeeping/Reporting—Applicability	Yes.	
	§ 63.10(b)(1)	General Recordkeeping Requirements	Yes	§§ 63.567 and 63.5770 specify additional recordkeeping requirements.
	§ 63.10(b)(2)(i), (iii), (vi)-(xiv)	General Recordkeeping Requirements	Yes.	
	§ 63.10(b)(2)(ii), (iv), (v)	Recordkeeping Relevant to Startup, Shutdown, and Malfunction Periods	No.	
	§ 63.10(b)(3)	Recordkeeping Requirements for Applicability Determinations	Yes	§ 63.5686 specifies applicability determinations for non-major sources.
	§ 63.10(c)(1)-(14)	Additional Recordkeeping for Sources with CMS	Yes	Applies only to sources with add-on controls.
	§ 63.10(c)(15)	Additional Recordkeeping for Sources with CMS	No	No requirement for a startup, shutdown, malfunction plan.
	§ 63.10(d)(1)	General Reporting Requirements	Yes	§ 63.5764 specifies additional reporting requirements.
	§ 63.10(d)(2)	Performance Test Results	Yes	§ 63.5764 specifies additional requirements for reporting performance test results.
	§ 63.10(d)(3)	Opacity or Visible Emissions Observations	No	Subpart VVVV does not specify opacity or visible emission standards.
	§ 63.10(d)(4)	Progress Reports for Sources with Compliance Extensions	Yes.	
	§ 63.10(d)(5)	Startup, Shutdown, and Malfunction Reports	No	Applies only to sources with add-on controls.

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Condition Number	Conditions

§ 63.10(e)(1)	Additional CMS Reports—General	Yes	Applies only to sources with add-on controls.
§ 63.10(e)(2)	Reporting Results of CMS Performance Evaluations	Yes	Applies only to sources with add-on controls.
§ 63.10(e)(3)	Excess Emissions/CMS Performance Reports	Yes	Applies only to sources with add-on controls.
§ 63.10(e)(4)	COMS Data Reports	No	Subpart VVVV does not specify opacity or visible emission standards.
§ 63.10(f)	Recordkeeping/Reporting Waiver	Yes.	
§ 63.11	Control Device Requirements—Applicability	No	Facilities subject to subpart VVVV do not use flares as control devices.
§ 63.12	State Authority and Delegations	Yes	§ 63.5776 lists those sections of subpart A that are not delegated.
§ 63.13	Addresses	Yes.	
§ 63.14	Incorporation by Reference	Yes.	
§ 63.15	Availability of Information/Confidentiality	Yes.	

C.27	**Emission Unit ID:** 01 **Equipment ID:** GSG, RS1, FW, RS2, FOU - Closed Molding, FOU - Equipment Cleaning (S.C. Regulation 61-62.63; 40 CFR 63) This facility has processes subject to the provisions of S.C. Regulation 61-62.63 and 40 CFR Part 63, National Emission Standards for Hazardous Air Pollutants, Subparts A and WWWW, National Emissions Standards for Hazardous Air Pollutants: Reinforced Plastic Composites Production. Existing affected sources shall be in compliance with the requirements of these Subparts by the compliance date, unless otherwise noted. Any new affected sources shall comply with the requirements of these Subparts upon initial start-up unless otherwise noted.
C.28	**Emission Unit ID:** 01 **Equipment ID:** GSG, RS1, FW, RS2, FOU - Closed Molding, FOU - Equipment Cleaning 40 CFR 63.5785 Am I subject to this subpart? (a) You are subject to this subpart if you own or operate a reinforced plastic composites production facility that is located at a major source of HAP emissions.
C.29	**Emission Unit ID:** 01 **Equipment ID:** GSG, RS1, FW, RS2, FOU - Closed Molding, FOU - Equipment Cleaning 40 CFR 63.5787 What if I also manufacture fiberglass boats or boat parts?

C. NESHAP (40 CFR 61 AND 40 CFR 63)	
Condition Number	**Conditions**
	(c) If you are subject to 40 CFR part 63, subpart VVVV, and meet the applicability criteria in § 63.5785, and produce reinforced plastic composites that are not used in fiberglass boat manufacture at your facility, all operations associated with the manufacture of the reinforced plastic composites parts that are not used in fiberglass boat manufacture at your facility are subject to this subpart, except as noted in paragraph (d) of this section. (d) Facilities potentially subject to both this subpart and 40 CFR part 63, subpart VVVV may elect to have the operations in paragraph (c) of this section covered by 40 CFR part 63, subpart VVVV, in lieu of this subpart, if they can demonstrate that this will not result in any organic HAP emissions increase compared to complying with this subpart.
C.30	**Emission Unit ID:** 01 **Equipment ID:** GSG, RS1, FW, RS2, FOU - Closed Molding, FOU - Equipment Cleaning 40 CFR 63.5790 What parts of my plant does this subpart cover? (a) This subpart applies to each new or existing affected source at reinforced plastic composites production facilities. (b) The affected source consists of all parts of your facility engaged in the following operations: Open molding, closed molding, centrifugal casting, continuous lamination, continuous casting, polymer casting, pultrusion, sheet molding compound (SMC) manufacturing, bulk molding compound (BMC) manufacturing, mixing, cleaning of equipment used in reinforced plastic composites manufacture, HAP-containing materials storage, and repair operations on parts you also manufacture. (c) The following operations are specifically excluded from any requirements in this subpart: application of mold sealing and release agents; mold stripping and cleaning; repair of parts that you did not manufacture, including non-routine manufacturing of parts; personal activities that are not part of the manufacturing operations (such as hobby shops on military bases); prepreg materials as defined in § 63.5935; non-gel coat surface coatings; application of putties, polyputties, and adhesives; repair or production materials that do not contain resin or gel coat; research and development operations as defined in section 112(c)(7) of the CAA; polymer casting; and closed molding operations (except for compression/injection molding). Note that the exclusion of certain operations from any requirements applies only to operations specifically listed in this paragraph. The requirements for any co-located operations still apply.
C.31	**Emission Unit ID:** 01 **Equipment ID:** GSG, RS1, FW, RS2, FOU - Closed Molding, FOU - Equipment Cleaning 40 CFR 63.5795 How do I know if my reinforced plastic composites production facility is a new affected source or an existing affected source? (b) For the purposes of this subpart, an existing affected source is any affected source that is not a new affected source.
C.32	**Emission Unit ID:** 01

C. NESHAP (40 CFR 61 AND 40 CFR 63)	
Condition Number	**Conditions**
	Equipment ID: GSG, RS1, FW, RS2, FOU - Closed Molding, FOU - Equipment Cleaning 40 CFR 63.5796 What are the organic HAP emissions factor equations in Table 1 to this subpart, and how are they used in this subpart? Emissions factors are used in this subpart to determine compliance with certain organic HAP emissions limits in Tables 3 and 5 to this subpart. You may use the equations in Table 1 to this subpart to calculate your emissions factors. Equations are available for each open molding operation and centrifugal casting operation and have units of pounds of organic HAP emitted per ton (lb/ton) of resin or gel coat applied. These equations are intended to provide a method for you to demonstrate compliance without the need to conduct for a HAP emissions test. In lieu of these equations, you can elect to use site-specific organic HAP emissions factors to demonstrate compliance provided your site-specific organic HAP emissions factors are incorporated in the facility's air emissions permit and are based on actual facility HAP emissions test data. You may also use the organic HAP emissions factors calculated using the equations in Table 1 to this subpart, combined with resin and gel coat use data, to calculate your organic HAP emissions.
C.33	**Emission Unit ID:** 01 **Equipment ID:** GSG, RS1, FW, RS2, FOU - Closed Molding, FOU - Equipment Cleaning 40 CFR 63.5797 How do I determine the organic HAP content of my resins and gel coats? In order to determine the organic HAP content of resins and gel coats, you may rely on information provided by the material manufacturer, such as manufacturer's formulation data and material safety data sheets (MSDS), using the procedures specified in paragraphs (a) through (c) of this section, as applicable. (a) Include in the organic HAP total each organic HAP that is present at 0.1 percent by mass or more for Occupational Safety and Health Administration-defined carcinogens, as specified in 29 CFR 1910.1200(d)(4) and at 1.0 percent by mass or more for other organic HAP compounds. (b) If the organic HAP content is provided by the material supplier or manufacturer as a range, you must use the upper limit of the range for determining compliance. If a separate measurement of the total organic HAP content, such as an analysis of the material by EPA Method 311 of appendix A to 40 CFR part 63, exceeds the upper limit of the range of the total organic HAP content provided by the material supplier or manufacturer, then you must use the measured organic HAP content to determine compliance. (c) If the organic HAP content is provided as a single value, you may use that value to determine compliance. If a separate measurement of the total organic HAP content is made and is less than 2 percentage points higher than the value for total organic HAP content provided by the material supplier or manufacturer, then you still may use the provided value to demonstrate compliance. If the measured total organic HAP content exceeds the provided value by 2 percentage points or more, then you must use the measured organic HAP content to determine compliance.
C.34	**Emission Unit ID:** 01 **Equipment ID:** GSG, RS1, FW, RS2, FOU - Closed Molding, FOU - Equipment Cleaning

C. NESHAP (40 CFR 61 AND 40 CFR 63)

Condition Number	Conditions
	40 CFR 63.5799 How do I calculate my facility's organic HAP emissions on a tpy basis for purposes of determining which paragraphs of § 63.5805 apply? To calculate your facility's organic HAP emissions in tpy for purposes of determining which paragraphs in § 63.5805 apply to you, you must use the procedures in either paragraph (a) of this section for new facilities prior to startup, or paragraph (b) of this section for existing facilities and new facilities after startup. You are not required to calculate or report emissions under this section if you are an existing facility that does not have centrifugal casting or continuous lamination/casting operations, or a new facility that does not have any of the following operations: Open molding, centrifugal casting, continuous lamination/casting, pultrusion, SMC and BMC manufacturing, and mixing. Emissions calculation and emission reporting procedures in other sections of this subpart still apply. Calculate organic HAP emissions prior to any add-on control device, and do not include organic HAP emissions from any resin or gel coat used in operations subject to the Boat Manufacturing NESHAP, 40 CFR part 63, subpart VVVV, or from the manufacture of large parts as defined in § 63.5805(d)(2). For centrifugal casting operations at existing facilities, do not include any organic HAP emissions where resin or gel coat is applied to an open centrifugal mold using open molding application techniques. Table 1 and the Table 1 footnotes to this subpart present more information on calculating centrifugal casting organic HAP emissions. The timing and reporting of these calculations is discussed in paragraph (c) of this section. (b) For existing facilities and new facilities after startup, you may use the procedures in either paragraph (b)(1) or (2) of this section. If the emission factors for an existing facility have changed over the period of time prior to their initial compliance date due to incorporation of pollution-prevention control techniques, existing facilities may base the average emission factor on their operations as they exist on the compliance date. If an existing facility has accepted an enforceable permit limit that would result in less than 100 tpy of HAP measured prior to any add-on controls, and can demonstrate that they will operate at that level subsequent to the compliance date, they can be deemed to be below the 100 tpy threshold. (1) Use a calculated emission factor. Calculate a weighted average organic HAP emissions factor on a lbs/ton of resin and gel coat basis. Base the weighted average on the prior 12 months of operation. Multiply the weighted average organic HAP emissions factor by resin and gel coat use over the same period. You may calculate this organic HAP emissions factor based on the equations in Table 1 to this subpart, or you may use any organic HAP emissions factor approved by us, such as factors from AP-42, or site-specific organic HAP emissions factors if they are supported by HAP emissions test data.
C.35	**Emission Unit ID:** 01 **Equipment ID:** GSG, RS1, FW, RS2, FOU - Closed Molding, FOU - Equipment Cleaning 40 CFR 63.5805 What standards must I meet to comply with this subpart? You must meet the requirements of paragraphs (a) through (h) of this section that apply to you. You may elect to comply using any options to meet the standards described in §§ 63.5810 through 63.5830. Use the procedures in § 63.5799 to determine if you meet or exceed the 100 tpy threshold.

C. NESHAP (40 CFR 61 AND 40 CFR 63)	
Condition Number	**Conditions**
	(a) If you have an existing facility that has any centrifugal casting or continuous casting/lamination operations, you must meet the requirements of paragraph (a)(1) or (2) of this section: (1) If the combination of all centrifugal casting and continuous lamination/casting operations emit 100 tpy or more of HAP, you must reduce the total organic HAP emissions from centrifugal casting and continuous lamination/casting operations by at least 95 percent by weight. As an alternative to meeting the 95 percent by weight requirement, centrifugal casting operations may meet the applicable organic HAP emissions limits in Table 5 to this subpart and continuous lamination/casting operations may meet an organic HAP emissions limit of 1.47 lbs/ton of neat resin plus and neat gel coat plus applied. For centrifugal casting, the percent reduction requirement does not apply to organic HAP emissions that occur during resin application onto an open centrifugal casting mold using open molding application techniques. (2) If the combination of all centrifugal casting and continuous lamination/casting operations emit less than 100 tpy of HAP, then centrifugal casting and continuous lamination/casting operations must meet the appropriate requirements in Table 3 to this subpart. (b) All operations at existing facilities not listed in paragraph (a) of this section must meet the organic HAP emissions limits in Table 3 to this subpart and the work practice standards in Table 4 to this subpart that apply, regardless of the quantity of HAP emitted. (g)If you have repair operations subject to this subpart as defined in § 63.5785, these repair operations must meet the requirements in Tables 3 and 4 to this subpart and are not required to meet the 95 percent organic HAP emissions reduction requirements in paragraph (a)(1) or (d) of this section.
C.36	**Emission Unit ID:** 01 **Equipment ID:** GSG, RS1, FW, RS2, FOU - Closed Molding, FOU - Equipment Cleaning 40 CFR 63.5810 What are my options for meeting the standards for open molding and centrifugal casting operations at new and existing sources? You must use one of the following methods in paragraphs (a) through (d) of this section to meet the standards for open molding or centrifugal casting operations in Table 3 or 5 to this subpart. You may use any control method that reduces organic HAP emissions, including reducing resin and gel coat organic HAP content, changing to nonatomized mechanical application, using covered curing techniques, and routing part or all of your emissions to an add-on control. You may use different compliance options for the different operations listed in Table 3 or 5 to this subpart. The necessary calculations must be completed within 30 days after the end of each month. You may switch between the compliance options in paragraphs (a) through (d) of this section. When you change to an option based on a 12-month rolling average, you must base the average on the previous 12 months of data calculated using the compliance option you are changing to, unless you were previously using an option that did not require you to maintain records of resin and gel coat use. In this case, you must immediately begin collecting resin and gel coat use data and demonstrate compliance 12 months after changing options.

C. NESHAP (40 CFR 61 AND 40 CFR 63)

Condition Number	Conditions
	(b) Demonstrate that, on average, you meet the individual organic HAP emissions limits for each combination of operation type and resin application method or gel coat type. Demonstrate that on average you meet the individual organic HAP emissions limits for each unique combination of operation type and resin application method or gel coat type shown in Table 3 to this subpart that applies to you. (1)(i) Group the process streams described in paragraph (a) to this section by operation type and resin application method or gel coat type listed in Table 3 to this subpart 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. To do this, sum the product of each individual organic HAP emissions factor calculated in paragraph (a)(1) of this section and the amount of neat resin plus and neat gel coat plus usage that corresponds to the individual factors and divide the numerator by the total amount of neat resin plus and neat gel coat plus used in that operation type as shown in Equation 2 of this section. $$Average\ Organic\ HAP\ Emissions\ Factor = \frac{\sum_{i-1}^{n}(Actual\ Process\ Stream\ EF_i + Material_i)}{\sum_{i=1}^{n} Material_i}\ Eq.\ 2$$ 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. (ii) You may, but are not required to, include process streams where you have demonstrated compliance as described in paragraph (a) of this section, subject to the limitations described in paragraph (a)(2) of this section, and you are not required to and should not include process streams for which you will demonstrate compliance using the procedures in paragraph (d) of this section. (2) Compare each organic HAP emissions factor calculated in paragraph (b)(1) of this section with its corresponding organic HAP emissions limit in Table 3 or 5 to this subpart. If all emissions factors are equal to or less than their corresponding emission limits, then you are in compliance.
C.37	**Emission Unit ID:** 01 **Equipment ID:** GSG, RS1, FW, RS2, FOU - Closed Molding, FOU - Equipment Cleaning 40 CFR 63.5835 What are my general requirements for complying with this subpart? (a) You must be in compliance at all times with the work practice standards in Table 4 to this subpart, as well as the organic HAP emissions limits in Tables 3, or 5, or the organic HAP content limits in Table 7 to this subpart, as applicable, that you are meeting without the use of add-on controls. (b) You must be in compliance with all organic HAP emissions limits in this subpart that you meet using add-on controls at all times.

C. NESHAP (40 CFR 61 AND 40 CFR 63)	
Condition Number	**Conditions**
	(c) You must always operate and maintain your affected source, including air pollution control and monitoring equipment, according to the provisions in § 63.6(e)(1)(i).
C.38	**Emission Unit ID:** 01 **Equipment ID:** GSG, RS1, FW, RS2, FOU - Closed Molding, FOU - Equipment Cleaning 40 CFR 63.5900 How do I demonstrate continuous compliance with the standards? (a) You must demonstrate continuous compliance with each standard in § 63.5805 that applies to you according to the methods specified in paragraphs (a)(1) through (3) of this section. (2) 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 or 5 to this subpart, 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 § 63.5895(d). (4) Compliance with the work practice standards in Table 4 to this subpart is demonstrated by performing the work practice required for your operation. (b) You must report each deviation from each standard in § 63.5805 that applies to you. The deviations must be reported according to the requirements in § 63.5910. (c) You must meet the organic HAP emissions limits and work practice standards that apply to you at all times.
C.39	**Emission Unit ID:** 01 **Equipment ID:** GSG, RS1, FW, RS2, FOU - Closed Molding, FOU - Equipment Cleaning 40 CFR 63.5905 What notifications must I submit and when? (a) You must submit all of the notifications in Table 13 to this subpart that apply to you by the dates specified in Table 13 to this subpart. The notifications are described more fully in 40 CFR part 63, subpart A, referenced in Table 13 to this subpart. (b) If you change any information submitted in any notification, you must submit the changes in writing to the Administrator within 15 calendar days after the change.
C.40	**Emission Unit ID:** 01 **Equipment ID:** GSG, RS1, FW, RS2, FOU - Closed Molding, FOU - Equipment Cleaning 40 CFR 63.5910 What reports must I submit and when? (a) You must submit each report in Table 14 to this subpart that applies to you.

C. NESHAP (40 CFR 61 AND 40 CFR 63)	
Condition Number	**Conditions**
	(b) Unless the Administrator has approved a different schedule for submission of reports under § 63.10(a), you must submit each report by the date specified in Table 14 to this subpart and according to paragraphs (b)(1) through (5) of this section. (3) Each subsequent compliance report must cover the semiannual reporting period from January 1 through June 30 or the semiannual reporting period from July 1 through December 31. (4) Each subsequent compliance report must be postmarked or delivered no later than July 31 or January 31, whichever date is the first date following the end of the semiannual reporting period. (5) For each affected source that is subject to permitting requirements pursuant to 40 CFR part 70 or 71, and if the permitting authority has established dates for submitting semiannual reports pursuant to § 70.6 (a)(3)(iii)(A) or § 71.6(a)(3)(iii)(A), you may submit the first and subsequent compliance reports according to the dates the permitting authority has established instead of according to the dates in paragraphs (b)(1) through (4) of this section. (c) The compliance report must contain the information in paragraphs (c)(1) through (6) of this section: (1) Company name and address. (2) Statement by a responsible official with that official's name, title, and signature, certifying the truth, accuracy, and completeness of the content of the report. (3) Date of the report and beginning and ending dates of the reporting period. (5) If there are no deviations from any organic HAP emissions limitations (emissions limit and operating limit) that apply to you, and there are no deviations from the requirements for work practice standards in Table 4 to this subpart, a statement that there were no deviations from the organic HAP emissions limitations or work practice standards during the reporting period. (d) For each deviation from an organic HAP emissions limitation or operating limit and for each deviation from the requirements for work practice standards that occurs at an affected source where you are not using a CMS to comply with the organic HAP emissions limitations or work practice standards in this subpart, the compliance report must contain the information in paragraphs (c)(1) through (3) of this section and in paragraphs (d)(1) and (2) of this section. (1) The total operating time of each affected source during the reporting period. (2) Information on the number, duration, and cause of deviations (including unknown cause, if applicable), as applicable, and the corrective action taken. and the total duration as a percent of the total source operating time during that reporting period.

C. NESHAP (40 CFR 61 AND 40 CFR 63)	
Condition Number	**Conditions**
	(f) You must report if you have exceeded the 100 tpy organic HAP emissions threshold if that exceedance would make your facility subject to § 63.5805(a)(1) or (d). Include with this report any request for an exemption under § 63.5805(e). If you receive an exemption under § 63.5805(e) and subsequently exceed the 100 tpy organic HAP emissions threshold, you must report this exceedance as required in § 63.5805(f). (g) Each affected source that has obtained a title V operating permit pursuant to 40 CFR part 70 or 71 must report all deviations as defined in this subpart in the semiannual monitoring report required by § 70.6(a)(3)(iii)(A) or § 71.6(a)(3)(iii)(A). If an affected source submits a compliance report pursuant to Table 14 to this subpart along with, or as part of, the semiannual monitoring report required by § 70.6(a)(3)(iii)(A) or § 71.6(a)(3)(iii)(A), and the compliance report includes all required information concerning deviations from any organic HAP emissions limitation (including any operating limit) or work practice requirement in this subpart, submission of the compliance report shall be deemed to satisfy any obligation to report the same deviations in the semiannual monitoring report. However, submission of a compliance report shall not otherwise affect any obligation the affected source may have to report deviations from permit requirements to the permitting authority. (h) Submit compliance reports based on the requirements in §§ 63.5910 and 63.5912 and table 14 to this subpart, and not based on the requirements in § 63.999. (i) Where multiple compliance options are available, you must state in your next compliance report if you have changed compliance options since your last compliance report.
C.41	**Emission Unit ID:** 01 **Equipment ID:** GSG, RS1, FW, RS2, FOU - Closed Molding, FOU - Equipment Cleaning 40 CFR 63.5915 What records must I keep? (a) You must keep the records listed in paragraphs (a)(1) through (3) of this section. (1) A copy of each notification and report that you submitted to comply with this subpart, including all documentation supporting any Initial Notification or Notification of Compliance Status that you submitted, according to the requirements in § 63.10(b)(2)(xiv). (c) You must keep all data, assumptions, and calculations used to determine organic HAP emissions factors or average organic HAP contents for operations listed in tables 3, 5, and 7 to this subpart. (d) You must keep a certified statement that you are in compliance with the work practice requirements in Table 4 to this subpart, as applicable.
C.42	**Emission Unit ID:** 01 **Equipment ID:** GSG, RS1, FW, RS2, FOU - Closed Molding, FOU - Equipment Cleaning 40 CFR 63.5920 In what form and how long must I keep my records?

C. NESHAP (40 CFR 61 AND 40 CFR 63)	
Condition Number	**Conditions**
	(a) You must maintain all applicable records in such a manner that they can be readily accessed and are suitable for inspection according to § 63.10(b)(1). (b) As specified in § 63.10(b)(1), you must keep each record for 5 years following the date of each occurrence, measurement, maintenance, corrective action, report, or record. (c) You must keep each record onsite for at least 2 years after the date of each occurrence, measurement, maintenance, corrective action, report, or record, according to § 63.10(b)(1). You can keep the records offsite for the remaining 3 years. (d) You may keep records in hard copy or computer readable form including, but not limited to, paper, microfilm, computer floppy disk, magnetic tape, or microfiche. (e) Any records required to be maintained by this part that are submitted electronically via the EPA's CEDRI may be maintained in electronic format. This ability to maintain electronic copies does not affect the requirement for facilities to make records, data, and reports available upon request to a delegated air agency or the EPA as part of an on-site compliance evaluation.
C.43	**Emission Unit ID:** 01 **Equipment ID:** GSG, RS1, FW, RS2, FOU - Closed Molding, FOU - Equipment Cleaning 40 CFR § 63.5925 What parts of the General Provisions apply to me? Table 15 to this subpart shows which parts of the General Provisions in §§ 63.1 through 63.15 apply to you.
C.44	**Emission Unit ID:** 01 **Equipment ID:** GSG, RS1, FW, RS2, FOU - Closed Molding, FOU - Equipment Cleaning 40 CFR (a) This subpart can be administered by us, the EPA, or a delegated authority such as your State, local, or tribal agency. If the EPA Administrator has delegated authority to your State, local, or tribal agency, then that agency has the authority to administer and enforce this subpart. You should contact your EPA Regional Office to find out if this subpart is delegated to your State, local, or tribal agency. (b) In delegating implementation and enforcement authority of this subpart to a State, local, or tribal agency under 40 CFR part 63, subpart E, the authorities contained in paragraph (c) of this section are not delegated. (c) The authorities that will not be delegated to State, local, or tribal agencies are listed in paragraphs (c)(1) through (4) of this section: (1) Approval of alternatives to the organic HAP emissions standards in § 63.5805 under § 63.6(g). (4) Approval of major changes to recordkeeping and reporting under § 63.10(f) and as defined in § 63.90.

C. NESHAP (40 CFR 61 AND 40 CFR 63)

Condition Number	Conditions
C.45	Table 1 to Subpart WWWW of Part 63--Equations to Calculate Organic HAP Emissions Factors for Specific Open Molding and Centrifugal Casting Process Streams[1] As specified in §63.5810, use the equations in the following table to calculate organic HAP emissions factors for specific open molding and centrifugal casting process streams:
C.46	**Emission Unit ID:** 01 **Equipment ID:** GSG, RS1, FW, RS2, FOU - Closed Molding, FOU - Equipment Cleaning Table 3 to Subpart WWWW of Part 63—Organic HAP Emissions Limits for Existing Open Molding Sources, New Open Molding Sources Emitting Less Than 100 TPY of HAP, and New and Existing Centrifugal Casting and Continuous Lamination/Casting Sources that Emit Less Than 100 TPY of HAP

If your operation type is a new or existing...	And you use...	With...	Use this organic HAP Emissions Factor (EF) Equation for materials with less than 33 percent organic HAP (19 percent organic HAP for nonatomized gel coat)[234]...	Use this organic HAP emissions Factor (EF) Equation for materials with 33 percent or more organic HAP (19 percent for nonatomized gel coat)[234]...
1. open molding operation	a. manual resin application	i. nonvapor-suppressed resin	EF = 0.126 x %HAP x 2000	EF = ((0.286 x %HAP)-0.0529) x 2000
		ii. vapor-suppressed resin	EF = 0.126 x %HAP x 2000 x (1-(0.5 x VSE factor))	EF = ((0.286 x %HAP)-0.0529) x 2000 x (1-(0.5 x VSE factor))
		iii. vacuum bagging/closed-mold curing with roll out	EF = 0.126 x %HAP x 2000 x 0.8	EF = ((0.286 x %HAP)-0.0529) x 2000 x 0.8
		iv. vacuum bagging/closed-mold curing without roll-out	EF = (0.126 x %HAP x 2000 x 0.5	EF = ((0.286 x %HAP)-0.0529) x 2000 x 0.5
	b. atomized mechanical resin application	i. nonvapor-suppressed resin	EF = 0.169 x %HAP x 2000	EF = ((0.714 x %HAP)-0.18) x 2000
		ii. vapor-suppressed resin	EF = 0.169 x %HAP x 2000 x (1-(0.45 x VSE factor))	EF = ((0.714 x %HAP)-0.18) x 2000 x (1-(0.45 x VSE factor))
		iii. vacuum bagging/closed-mold curing with roll-out	EF = 0.169 x %HAP x 2000 x 0.85	EF = ((0.714 x %HAP)-0.18) x 2000 x 0.85
		iv. vacuum bagging/closed-mold curing without roll-out	EF = 0.169 x %HAP x 2000 x 0.55	EF = ((0.714 x %HAP)-0.18) x 2000 x 0.55
	c. nonatomized mechanical resin application	i. nonvapor-suppressed resin	EF = 0.107 x %HAP x 2000	EF = ((0.157 x %HAP)-0.0165) x 2000
		ii. vapor-suppressed resin	EF = 0.107 x %HAP x 2000 x (1-(0.45 x VSE factor))	EF = ((0.157 x %HAP)-0.0165) x 2000 x (1-(0.45 x VSE factor))
		iii. closed-mold curing with roll-out	EF = 0.107 x %HAP x 2000 x 0.85	EF = ((0.157 x %HAP)-0.0165) x 2000 x 0.85
		iv. vacuum bagging/closed-mold curing without roll-out	EF = 0.107 x %HAP x 2000 x 0.55	EF = ((0.157 x %HAP)-0.0165) x 2000 x 0.55
	d. atomized mechanical resin application with robotic or automated spray control[5]	nonvapor-suppressed resin	EF = 0.169 x %HAP x 2000 x 0.77	EF = 0.77 x ((0.714 x %HAP)-0.18) x 2000
	e. filament application[6]	i. nonvapor-suppressed resin	EF = 0.184 x %HAP x 2000	EF = ((0.2746 x %HAP)-0.0298) x 2000
		ii. vapor-suppressed resin	EF = 0.12 x %HAP x 2000	EF = ((0.2746 x %HAP)-0.0298) x 2000 x 0.65
	f. atomized spray gel coat application	nonvapor-suppressed gel coat	EF = 0.445 x %HAP x 2000	EF = ((1.03646 x %HAP)-0.195) x 2000

C. NESHAP (40 CFR 61 AND 40 CFR 63)

Condition Number	Conditions

As specified in § 63.5805, you must meet the following organic HAP emissions limits that apply to you:

If your operation type is . . .	And you use . . .	[1] Your organic HAP emissions limit is . . .
1. open molding—corrosion-resistant and/or high strength (CR/HS)	a. mechanical resin application b. filament application c. manual resin application	113lb/ton. 171lb/ton. 123lb/ton.
2. open molding—non-CR/HS	a. mechanical resin application b. filament application c. manual resin application	88lb/ton. 188lb/ton. 87lb/ton.
3. open molding—tooling	a. mechanical resin application b. manual resin application	254lb/ton. 157lb/ton.
4. open molding—low-flame spread/low-smoke products	a. mechanical resin application b. filament application c. manual resin application	497lb/ton. 270lb/ton. 238lb/ton.
5. open molding—shrinkage controlled resins[2]	a. mechanical resin application b. filament application c. manual resin application	354lb/ton. 215lb/ton. 180lb/ton.
6. open molding—gel coat[3]	a. tooling gel coating b. white/off white pigmented gel coating c. all other pigmented gel coating d. CR/HS or high performance gel coat e. fire retardant gel coat f. clear production gel coat	440lb/ton. 267lb/ton. 377lb/ton. 605lb/ton. 854lb/ton. 522 lb/ton.

[1] Organic HAP emissions limits for open molding and centrifugal casting are expressed as lb/ton. You must be at or below these values based on a 12-month rolling average.

[2] This emission limit applies regardless of whether the shrinkage controlled resin is used as a production resin or a tooling resin.

[3] If you only apply gel coat with manual application, for compliance purposes treat the gel coat as if it were applied using atomized spray guns to determine both emission limits and emission factors. If you use multiple application methods and any portion of a specific gel coat is applied using nonatomized spray, you may use the nonatomized spray gel coat equation to calculate an emission factor for the manually applied portion of that gel coat. Otherwise, use the atomized spray gel coat application equation to calculate emission factors.

C. NESHAP (40 CFR 61 AND 40 CFR 63)

<table>
<tr><th>Condition Number</th><th>Conditions</th></tr>
<tr><td>C.47</td><td>
Emission Unit ID: 01
Equipment ID: GSG, RS1, FW, RS2, FOU - Closed Molding, FOU - Equipment Cleaning

Table 4 to Subpart WWWW of Part 63—Work Practice Standards

As specified in § 63.5805, you must meet the work practice standards in the following table that apply to you:

<table>
<tr><th>For . . .</th><th>You must . . .</th></tr>
<tr><td>1. A new or existing closed molding operation using compression/injection molding</td><td>Uncover, unwrap or expose only one charge per mold cycle per compression/injection molding machine. For machines with multiple molds, one charge means sufficient material to fill all molds for one cycle. For machines with robotic loaders, no more than one charge may be exposed prior to the loader. For machines fed by hoppers, sufficient material may be uncovered to fill the hopper. Hoppers must be closed when not adding materials. Materials may be uncovered to feed to slitting machines. Materials must be recovered after slitting.</td></tr>
<tr><td>2. A new or existing cleaning operation</td><td>Not 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.</td></tr>
<tr><td>3. A new or existing materials HAP-containing materials storage operation</td><td>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.</td></tr>
</table>
</td></tr>
<tr><td>C.48</td><td>
Emission Unit ID: 01
Equipment ID: GSG, RS1, FW, RS2, FOU - Closed Molding, FOU - Equipment Cleaning

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

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

<table>
<tr><th>If your facility . . .</th><th>You must submit . . .</th><th>By this date . . .</th></tr>
<tr><td>1. Is an existing source subject to this subpart</td><td>An Initial Notification containing the information specified in § 63.9(b)(2)</td><td>No later than the dates specified in § 63.9(b)(2).</td></tr>
<tr><td>3. Qualifies for a compliance extension as specified in § 63.9(c)</td><td>A request for a compliance extension as specified in § 63.9(c)</td><td>No later than the dates specified in § 63.6(i).</td></tr>
</table>
</td></tr>
</table>

C. NESHAP (40 CFR 61 AND 40 CFR 63)

<table>
<tr><th>Condition Number</th><th>Conditions</th></tr>
<tr><td></td><td>
<table>
<tr><td>4. Is complying with organic HAP emissions limit averaging provisions</td><td>A Notification of Compliance Status as specified in § 63.9(h)</td><td>No later than 1 year plus 30 days after your facility's compliance date.</td></tr>
<tr><td>5. Is complying with organic HAP content limits, application equipment requirements, or organic HAP emissions limit other than organic HAP emissions limit averaging</td><td>A Notification of Compliance Status as specified in § 63.9(h)</td><td>No later than 30 calendar days after your facility's compliance date.</td></tr>
</table>
</td></tr>
<tr><td>C.49</td><td>
Emission Unit ID: 01
Equipment ID: GSG, RS1, FW, RS2, FOU - Closed Molding, FOU - Equipment Cleaning

Table 14 to Subpart WWWW 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:
<table>
<tr><th>You must submit a(n)</th><th>The report must contain . . .</th><th>You must submit the report . . .</th></tr>
<tr><td>1. Compliance report</td><td>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</td><td>Semiannually according to the requirements in § 63.5910(b).</td></tr>
<tr><td></td><td>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)</td><td>Semiannually according to the requirements in § 63.5910(b).</td></tr>
</table>
</td></tr>
<tr><td>C.50</td><td>
Emission Unit ID: 01
Equipment ID: GSG, RS1, FW, RS2, FOU - Closed Molding, FOU - Equipment Cleaning

Table 15 to Subpart WWWW of Part 63—Applicability of General Provisions (Subpart A) to Subpart WWWW of Part 63
</td></tr>
</table>

C. NESHAP (40 CFR 61 AND 40 CFR 63)

Condition Number	Conditions

As specified in § 63.5925, the parts of the General Provisions which apply to you 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 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)(6)	General applicability of the general provisions	Yes	
§ 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)(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)(5)	Notification requirements for an area source that increases HAP emissions to major source levels	Yes	
§ 63.1(c)(6)	Reclassification	Yes	
§ 63.1(e)	Applicability of permit program before a relevant standard has been set under	Yes	

C. NESHAP (40 CFR 61 AND 40 CFR 63)

Condition Number	Conditions			
		this part		
	§ 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)(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)(6)	Equipment addition or process change	Yes	Existing facilities do not become reconstructed under subpart WWWW of part 63.
	§ 63.5(d)(1)	General application for approval of construction or reconstruction	Yes	Existing facilities do not become reconstructed under subpart WWWW 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	

C. NESHAP (40 CFR 61 AND 40 CFR 63)

Condition Number	Conditions			
	§ 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 WWWW of part 63 clarifies compliance dates in § 63.5800.
	§ 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 WWWW of part 63 clarifies compliance dates in § 63.5800.
	§ 63.6(c)(5)	Compliance dates for existing area sources that become major	Yes	Subpart WWWW of part 63 clarifies compliance dates in § 63.5800.
	§ 63.6(e)(1)	Operation and maintenance requirements	Yes	Except portions of § 63.6(e)(1)(i) and (ii) specific to conditions during startup, shutdown, or malfunction.
	§ 63.6(e)(3)	SSM plan and recordkeeping	No	
	§ 63.6(f)(1)	Compliance except during periods of startup, shutdown, and malfunction	No	Subpart WWWW of part 63 requires compliance at all times.
	§ 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 WWWW of part 63 does not contain opacity or visible emission standards.
	§ 63.6(i)(1) through (14)	Compliance extensions	Yes	

C. NESHAP (40 CFR 61 AND 40 CFR 63)

Condition Number	Conditions			
	§ 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 WWWW 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. Conditions specific to operations during periods of startup, shutdown, and malfunction in § 63.7(e)(1) do not apply.
	§ 63.7(f)	Use of alternative test method	Yes	
	§ 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)(4)	Monitoring requirements when using flares	Yes	
	§ 63.8(b)(1)	Conduct of monitoring exceptions	Yes	
	§ 63.8(b)(2) and	Multiple effluents and multiple	Yes	

C. NESHAP (40 CFR 61 AND 40 CFR 63)

Condition Number	Conditions			
	(3)	monitoring systems		
	§ 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. Except references to SSM plans in § 63.8(c)(1)(i) and (iii).
	§ 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 WWWW 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)(1)-(2)	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(d)(3)	CMS quality control program, including test plan and all previous versions	Yes	Except references to SSM plans in § 63.8(d)(3).
	§ 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.
	§ 63.8(e)(3) and (4)	CMS requirements/alternatives	Yes	This section applies if you elect to use a CMS to demonstrate

C. NESHAP (40 CFR 61 AND 40 CFR 63)

Condition Number	Conditions			
				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)(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)(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.

C. NESHAP (40 CFR 61 AND 40 CFR 63)

Condition Number	Conditions			
	§ 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)(5) and (6)	Notification of compliance status	Yes	
	§ 63.9(i)	Adjustment of submittal deadlines	Yes	
	§ 63.9(j)	Change in information provided	Yes	
	§ 63.9(k)	Electronic reporting procedures	Yes	Only as specified in § 63.9(j).
	§ 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	No	

C. NESHAP (40 CFR 61 AND 40 CFR 63)

Condition Number	Conditions			
	§ 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)(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)(10) through (14)	CMS records	Yes	This section applies if you elect to use a CMS to demonstrate continuous compliance with an emission limit.
	§ 63.10(c)(15)	CMS records	No	
	§ 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	No	
	§ 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

C. NESHAP (40 CFR 61 AND 40 CFR 63)

Condition Number	Conditions			
				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	

D. GENERAL FACILITY WIDE

Condition Number	Conditions
D.1	The owner or operator shall comply with S.C. Regulation 61-62.2, Prohibition of Open Burning.
D.2	The owner or operator shall comply with S.C. Regulation 61-62.3, Air Pollution Episodes.
D.3	The owner or operator shall comply with S.C. Regulation 61-62.4, Hazardous Air Pollution Conditions.
D.4	The owner or operator shall comply with S.C. Regulation 61-62.6, Control of Fugitive Particulate Matter, Section III Control of Fugitive Particulate Matter Statewide.
D.5	The owner or operator shall comply with the standards of performance for asbestos abatement operations pursuant to 40 CFR Part 61.145 and S.C. Regulation 61-86.1, including, but not limited to, requirements governing training, licensing, notification, work practice, cleanup, and disposal.
D.6	The owner or operator shall comply with the standards for recycling and emissions reduction pursuant to 40 CFR Part 82, Subpart F, Protection of Stratospheric Ozone, Recycling and Emissions Reduction, except as provided for motor vehicle air conditioners (MVACs) in Subpart B. If the owner or operator performs a service on motor vehicles (fleet) that involves ozone-depleting substance refrigerant in MVACs, the owner or operator is subject to all applicable requirements of 40 CFR Part 82, Subpart B, Servicing of MVACs.
D.7	(S.C. Regulation 61-62.70.6(a)(5)) The provisions of this permit are severable, and if any provision of this permit, or application of any provision of this permit to any circumstance is held invalid, the application of such provision to other circumstances, and the remainder of this permit shall not be affected thereby.

D. GENERAL FACILITY WIDE	
Condition Number	**Conditions**
D.8	(S.C. Regulation 61-62.70.6(a)(6)(i)) The owner or operator must comply with all of the conditions of this permit. Any permit noncompliance constitutes a violation of the S.C. Pollution Control Act and/or the Federal Clean Air Act and is grounds for enforcement action; for permit termination, revocation and reissuance, or modification; or for denial of permit renewal application.
D.9	(S.C. Regulation 61-62.70.6(a)(6)(ii)) It shall not be a defense for an owner or operator 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.
D.10	(S.C. Regulation 61-62.70.6(a)(6)(iii)) The permit may be modified, revoked, reopened and reissued, or terminated for cause by the Department. The filing of a request by the owner or operator for a permit modification, revocation and reissuance, or termination, or of a notification of planned changes or anticipated noncompliance does not stay any permit condition.
D.11	(S.C. Regulation 61-62.70.6(a)(6)(iv)) The permit does not convey any property rights of any sort, or any exclusive privilege.
D.12	(S.C. Regulation 61-62.70.6(a)(6)(v)) The owner or operator shall furnish to the Department, within a reasonable time, any information that the Department may request in writing to determine whether cause exists for modifying, revoking and reissuing, or terminating the permit or to determine compliance with the permit. Upon request, the owner or operator shall also furnish to the Department copies of records required to be kept by the permit or, for information claimed to be confidential, the owner or operator may furnish such records directly to the Administrator along with a claim of confidentiality. The Department may also request that the owner or operator furnish such records directly to the Administrator along with a claim of confidentiality.
D.13	(S.C. Regulation 61-62.70.6(a)(8)) No permit revision 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 this permit.
D.14	(S.C. Regulation 61-62.70.6(c)(2)) Upon presentation of credentials and other documents as may be required by law, the owner or operator shall allow the Department or an authorized representative to perform the following: 1. Enter upon the owner or operator's premises where a Part 70 source is located or emissions-related activity is conducted, or where records must be kept under the conditions of the permit. 2. Have access to and copy, at reasonable times, any records that must be kept under the conditions of the permit. 3. Inspect any facilities, equipment (including monitoring and air pollution control equipment), practices, or operations regulated or required under this permit. 4. As authorized by the Act and/or the S.C. Pollution Control Act, sample or monitor, at reasonable times, substances or parameters for the purpose of assuring compliance with the permit or applicable requirements.
D.15	(S.C. Regulation 61-62.70.6(a)(1)(ii)) Where an applicable requirement of the Act is more stringent than an applicable requirement of regulations promulgated under Title IV of the Act, both provisions shall be incorporated into the permit and shall be enforceable by the Administrator.

D. GENERAL FACILITY WIDE

Condition Number	Conditions
D.16	(S.C. Regulation 61-62.70.6(a)(4)) The owner or operator is prohibited from emissions exceeding any allowances that the source lawfully holds under Title IV of the Act or the regulations promulgated thereunder. No permit revision shall be required for increases in emissions that are authorized by allowances acquired pursuant to the acid rain program, provided that such increases do not require a permit revision under any other applicable requirement. No limit shall be placed on the number of allowances held by a source. The source may not, however, use allowances as a defense to noncompliance with any other applicable requirement. Any such allowances shall be accounted for according to the procedures established in regulations promulgated under Title IV of the Act.
D.17	(S.C. Regulation 61-62.70.7(c)(1)(ii)) Permit expiration terminates the source's right to operate unless a timely and complete renewal application has been submitted consistent with S.C. Regulation 61-62.70.5(a)(1)(iii), 62.70.5(a)(2)(iv), and 62.70.7(b). In this case, the permit shall not expire until the renewal permit has been issued or denied. All terms and conditions of the permit including any permit shield that may be granted pursuant to S.C. Regulation 61-62.70.6(f) shall remain in effect until the renewal permit has been issued or denied.
D.18	(S.C. Regulation 61-62.70.7) Requests for permit modification and amendments shall be submitted on the appropriate Department approved Title V Modification Form(s).
D.19	(S.C. Regulation 61-62.70.6(a)(7)) The owners or operators of Part 70 sources shall pay fees to the Department consistent with the fee schedule approved pursuant to S.C. Regulation 61-62.70.9; and in accordance with S.C. Regulation 61-30, Environmental Protection Fees. Failure to pay applicable fees can be considered grounds for permit revocation.
D.20	(S.C. Regulation 61-62.1, Section III) The owners or operators of Part 70 sources shall complete and submit a new updated emissions inventory consistent with the schedule approved pursuant to S.C. Regulation 61-62.1, Section III. These reports shall be submitted to the Department. This requirement notwithstanding, an emissions inventory may be required at any time in order to determine the compliance status of any facility.
D.21	This permit expressly incorporates insignificant activities. Emissions from insignificant activities shall be included in the emissions inventory submittals as required by S.C. Regulation 61-62.1, Section III(B)(2)(g).
D.22	(S.C. Regulation 61-62.1, Section II(J)(1)(a)) No applicable law, regulation, or standard will be contravened.
D.23	(S.C. Regulation 61-62.1, Section II(J)(1)(e)) Any owner or operator who constructs or operates a source or modification not in accordance with the application submitted pursuant to S.C. Regulation 61-62.1 or with the terms of any approval to construct, or who commences construction after the effective date of S.C. Regulation 61-62.1 without applying for and receiving approval hereunder, shall be subject to enforcement action.

E. GENERAL RECORD KEEPING AND REPORTING	
Condition Number	**Conditions**
E.1	(S.C. Regulation 61-62.1, Section II(J)(1)(g)) A copy of the Department issued construction and/or operating permit must be kept readily available at the facility at all times. The owner or operator shall maintain such operational records; make reports; install, use, and maintain monitoring equipment or methods; sample and analyze emissions or discharges in accordance with prescribed methods at locations, intervals, and procedures as the Department shall prescribe; and provide such other information as the Department reasonably may require. All records required to demonstrate compliance with the limits established under this permit shall be maintained on site for a period of at least five (5) years from the date the record was generated and shall be made available to a Department representative upon request.
E.2	(S.C. Regulation 61-62.70.6(a)(3)(iii)(A)) The owner or operator shall submit reports required in this permit in a timely manner and according to the reporting schedule that has previously been established through the Department's approved electronic permitting system. All required reports must be certified by a responsible official consistent with S.C. Regulation 61-62.70.5(d).
E.3	(S.C. Regulation 61-62.70.6(a)(3)(iii)) All reports and notifications required under this permit shall be submitted to the Department.
E.4	(S.C. Regulation 61-62.70.6(c)(5)(iv)) All Title V Annual Compliance Certifications shall be sent to the US EPA, Region 4, Air Enforcement Branch and to the Department. These reports can be submitted electronically to EPA through CEDRI.
E.5	(S.C. Regulation 61-62.70.6(a)(3)(ii)) The owner or operator shall comply, where applicable, with the following monitoring/support information collection and retention record keeping requirements: 1. Records of required monitoring information shall include the following: a. The date, place as defined in the permit, and time of sampling or measurements; b. The date(s) analyses were performed; c. The company or entity that performed the analyses; d. The analytical techniques or methods used; e. The results of such analyses; and f. The operating conditions as existing at the time of sampling or measurement; 2. Records of all required monitoring data and support information shall be retained for a period of at least five (5) years from the date of the monitoring sample, measurement, report, or application. Support information includes all calibration and maintenance records and all original strip-chart recordings for continuous monitoring instrumentation, and copies of all reports required by the permit.
E.6	(S.C. Regulation 61-62.1, Section II(J)(1)(c)) For sources not required to have continuous emission monitors, any malfunction of air pollution control equipment or system, process upset, or other equipment failure which results in discharges of air contaminants lasting for one (1) hour or more and which are greater than those discharges described for normal operation in the permit

E. GENERAL RECORD KEEPING AND REPORTING	
Condition Number	**Conditions**
	application, shall be reported to the Department within twenty-four (24) hours after the beginning of the occurrence and a written report shall be submitted to the Department within thirty (30) days. The written report shall include, at a minimum, the following: 1. The identity of the stack and/or emission point where the excess emissions occurred; 2. The magnitude of excess emissions expressed in the units of the applicable emission limitation and the operating data and calculations used in determining the excess emissions; 3. The time and duration of excess emissions; 4. The identity of the equipment causing the excess emissions; 5. The nature and cause of such excess emissions; 6. The steps taken to remedy the malfunction and the steps taken or planned to prevent the recurrence of such malfunction; 7. The steps taken to limit the excess emissions; and, 8. Documentation that the air pollution control equipment, process equipment, or processes were at all times maintained and operated, to the maximum extent practicable, in a manner consistent with good practice for minimizing emissions. The initial twenty-four (24) hour notification should be made to the Department's local Regional Office. The written report should be sent to the Department.
E.7	(S.C. Regulation 61-62.70.6(c)(5)(iii)) The responsible official shall certify annually, compliance with the conditions of this permit as required under S.C. Regulation 61-62.70.6(c). The compliance certification shall include the following: 1. The identification of each term or condition of the permit that is the basis of the certification. 2. The identification of the method(s) or means used by the owner or operator for determining the compliance status with each term and condition of the permit during the certification period. 3. 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 method or means designated in S.C. Regulation 61-62.70.6(c)(5)(iii)(B). The certification shall identify each deviation and take it into account in the compliance certification. 4. Such other facts as the Department may require to determine the compliance status of the source.
E.8	(S.C. Regulation 61-62.1, Section II(M)) Within thirty (30) days of the transfer of ownership/operation

E. GENERAL RECORD KEEPING AND REPORTING	
Condition Number	**Conditions**
	of a facility, the current permit holder and prospective new owner or operator shall submit to the Department a written request for transfer of the source operating or construction permits. The written request for transfer of the source operating or construction permit shall include any changes pertaining to the facility name and mailing address; the name, mailing address, and telephone number of the owner or operator for the facility; and any proposed changes to the permitted activities of the source. Transfer of the operating or construction permits will be effective upon written approval by the Department.

F. INSIGNIFICANT ACTIVITIES	
Condition Number	**Conditions**
F.1	The facility may install, remove, and modify insignificant activities as defined in S.C. Regulation 61-62.70.5(c), without revising or reopening the Title V Operating Permit. A list of insignificant activities/exempt sources must be maintained on site, along with any necessary documentation to support the determination that the activity is insignificant and shall be made available to a Department representative upon request. The list shall be submitted with the next renewal application.

G. PERMIT SHIELD	
Condition Number	**Conditions**
G.1	(S.C. Regulation 61-62.70.6(f)) A copy of the "applicability determination" submitted with the Part 70 permit application is included as Applicable and Non-Applicable Federal and State Regulations. With the exception of those listed below, compliance with the terms and conditions of this permit shall be deemed compliance with the applicable requirements specified in Applicable and Non-Applicable Federal and State Regulations as of the date of permit issuance provided that such applicable requirements are included and are specifically identified in the permit. The owner or operator shall also be shielded from the non-applicable requirements specified in Applicable and Non-Applicable Federal and State Regulations. Exceptions to this are stated below in the Permit Shield Exceptions Table. This permit shield does not extend to applicable requirements which are promulgated after permit issuance, unless the permit has been appropriately modified to reflect such new requirements. Nothing in the permit shield or in any Part 70 permit shall alter or affect the provisions of Section 303 of the Act, Emergency Orders of the Clean Air Act; the liability of the owner or operator for any violation of applicable requirements prior to or at the time of permit issuance; the applicable requirements of the Acid Rain Program, consistent with Section 408(a) of the Clean Air Act; or the ability of US EPA to obtain information from a source pursuant to Section 114 of the Clean Air Act. In

G. PERMIT SHIELD

Condition Number	Conditions
	addition, the permit shield shall not apply to emission units in noncompliance at the time of permit issuance, minor permit modifications (S.C. Regulation 61-62.70.7(e)(2)), group processing of minor permit modifications (S.C. Regulation 61-62.70.7(e)(3)), or operational flexibility (S.C. Regulation 61-62.70.7(e)(5)(i)), except as specified in S.C. Regulation 61-62.70.7(e)(5)(iii).

Permit Shield Exceptions
SC Regulation 61-62.1 – Definitions and General Requirements
SC Regulation 61-62.5, Std. No. 7 – Prevention of Significant Deterioration
S.C. Regulation 61-62.5, Standard No. 7.1 Nonattainment New Source Review
40 CFR 61 National Emission Standards for Hazardous Air Pollutants - Subparts A General Provisions
SC Regulation 61-62.61 – National Emission Standards for Hazardous Air Pollutants - Subparts A General Provisions
SC Regulation 61-62.61 - National Emission Standards for Hazardous Air Pollutants - Subparts M Asbestos
40 CFR 63 – National Emission Standards for Hazardous Air Pollutants for Source Categories - Subparts A General Provisions
SC Regulation 61-62.63 - National Emission Standards for Hazardous Air Pollutants for Source Categories - Subparts A General Provisions
SC Regulation 61-62.63 - National Emission Standards for Hazardous Air Pollutants - Subparts VVVV Boat Manufacturing
40 CFR 63 – National Emission Standards for Hazardous Air Pollutants for Source Categories - Subparts VVVV Boat Manufacturing
SC Regulation 61-62.63 - National Emission Standards for Hazardous Air Pollutants - Subparts WWWW Reinforced Plastic Composites Production
40 CFR 63 – National Emission Standards for Hazardous Air Pollutants for Source Categories - Subparts WWWW Reinforced Plastic Composites Production

H. AMBIENT AIR STANDARDS

Condition Number	Conditions
H.1	(S.C. Regulation 61-62.1, Section II(J)(2)) Air dispersion modeling (or other method) has previously demonstrated that this facility's operation will not interfere with the attainment and maintenance of any state or federal ambient air standard. Any changes in the parameters used in this demonstration may require a review by the facility to determine continuing compliance with these standards. These potential changes include any decrease in stack height, decrease in stack velocity, increase in stack diameter, decrease in stack exit temperature, increase in building height or building additions, increase in emission rates, decrease in distance between stack and property line, changes in vertical stack orientation, and installation of a rain cap that impedes vertical flow. Parameters that are not required in the determination will not invalidate the demonstration if they are modified. Variations from the input parameters in the demonstration shall not constitute a violation unless the maximum allowable ambient concentrations identified in the standard are exceeded.

H. AMBIENT AIR STANDARDS

Condition Number	Conditions
	The owner or operator shall maintain this facility at or below the emission rates used in the most recent air dispersion modeling (or other method) demonstration submitted to and approved by the Department, not to exceed the pollutant limitations of this permit. Should the facility wish to increase the emission rates used in the demonstration, not to exceed the pollutant limitations in the body of this permit, it may do so by submitting a new demonstration for approval. This condition along with the referenced modeling demonstration will also serve to meet the intent of S.C. Regulation 61-62.5, Standard No. 8, Section II(D). This is a State Only enforceable requirement.

I. COMPLIANCE SCHEDULE - RESERVED