



FG-MACT QQQQ-WOOD BLDG. PRODUCTS
FLEXIBLE GROUP CONDITIONS
40 CFR Part 63, Subpart QQQQ covers major sources of HAPs.

Red text identifies options. Select the option that applies to the source and change the text to black. Delete red text that does not apply and renumber conditions if necessary.

Blue text is guidance or notes on the use of the template. Delete all blue text prior to issuing the final permit or submitting it with a permit application. Read through all conditions to determine which are appropriate for your source. Some conditions have dates based on whether the source is new or existing. Be sure to use the appropriate date where there are choices.

If this template is being used for an ROP Reopening or Renewal, and the MACT conditions were established in a PTI, the appropriate footnotes which reference enforceability must be added to each applicable condition in the template.

DESCRIPTION

Each new, reconstructed, and existing affected source engaged in the surface coating of wood building products, as defined in 40 CFR Part 63, Subpart QQQQ, 63.4682 that uses 1100 gallons per year or more of coatings in the source category defined in 40 CFR 63.4681(a) and that is a major source, is located at a major source, or is part of a major source of emissions of hazardous air pollutants (HAPs).

The following information may be incorporated into the staff report as it applies to the source:

- An affected source is a new affected source if its construction commenced after June 21, 2002, and the construction is of a completely new wood building products surface coating source where previously no wood building products surface coating source had existed. **(40 CFR 63.4682(c))**
- An affected source is reconstructed if it meets the criteria as defined in 40 CFR 63.2. **(40 CFR 63.4682(d))**
- An affected source exists if it is not new or reconstructed. **(40 CFR 63.4682(e))**

There are no future compliance dates.

Emission Units: Identify Emission Units in this Flexible Group

POLLUTION CONTROL EQUIPMENT

Identify specific control equipment used by the facility.

I. EMISSION LIMIT(S) Select all appropriate limits for the facility based on the definitions of coating type and existing, new or reconstructed affected source. Renumber items in table and subsequent conditions.

Pollutant	Limit	Time Period/ Operating Scenario	Equipment	Monitoring/ Testing Method	Underlying Applicable Requirements
1. Organic HAP	0.06 lb HAP/gal solids	Continuous --OR-- 12-month rolling time period *	Existing – Exterior siding and primed door skins	SC V.1, VI.1 through VI.10	40 CFR 63.4690(b)
2. Organic HAP	0.78 lb HAP/gal solids	Continuous --OR-- 12-month rolling time period *	Existing – Flooring	SC V.1, VI.1 through VI.10	40 CFR 63.4690(b)

Pollutant	Limit	Time Period/ Operating Scenario	Equipment	Monitoring/ Testing Method	Underlying Applicable Requirements
3. Organic HAP	1.53 lb HAP/gal solids	Continuous --OR-- 12-month rolling time period *	Existing – Interior wall paneling or tile board	SC V.1, VI.1 through VI.10	40 CFR 63.4690(b)
4. Organic HAP	0.17 lb HAP/gal solids	Continuous --OR-- 12-month rolling time period *	Existing – Other interior panels	SC V.1, VI.1 through VI.10	40 CFR 63.4690(b)
5. Organic HAP	1.93 lb HAP/gal solids	Continuous --OR-- 12-month rolling time period *	Existing – Doors, windows & miscellaneous	SC V.1, VI.1 through VI.10	40 CFR 63.4690(b)
6. Organic HAP	0.00 lb HAP/gal solids	Continuous --OR-- 12-month rolling time period *	New/Reconstructed – Exterior siding and primed door skins	SC V.1, VI.1 through VI.10	40 CFR 63.4690(a)
7. Organic HAP	0.00 lb HAP/gal solids	Continuous --OR-- 12-month rolling time period *	New/Reconstructed - Flooring	SC V.1, VI.1 through VI.10	40 CFR 63.4690(a)
8. Organic HAP	0.04 lb HAP/gal solids	Continuous --OR-- 12-month rolling time period *	New/Reconstructed - Interior wall paneling or tile board	SC V.1, VI.1 through VI.10	40 CFR 63.4690(a)
9. Organic HAP	0.00 lb HAP/gal solids	Continuous --OR-- 12-month rolling time period *	New/Reconstructed – Other interior panels	SC V.1, VI.1 through VI.10	40 CFR 63.4690(a)
10. Organic HAP	0.48 lb HAP/gal solids	Continuous --OR-- 12-month rolling time period *	New/Reconstructed – Doors, windows & miscellaneous	SC V.1, VI.1 through VI.10	40 CFR 63.4690(a)

* As determined at the end of each calendar month. **Use Continuous Time Period for compliant material option. Use 12-Month Rolling Time Period for without or with add-on control options.**

11. The permittee shall determine whether the organic HAP emission rate is equal to or less than the applicable emission limits in 40 CFR 63.4690 using at least one of the following three compliance options which are listed in 40 CFR 63.4691(a) through (c):

- a. Compliant material option,
- b. Emission rate without add-on controls option, or
- c. Emission rate with add-on controls option.

The permittee shall include all coatings, thinners, and cleaning materials used when determining the emission rate. **(40 CFR 63.4691)**

12. If the permittee applies coatings to products that are in different subcategories as described in 40 CFR 63.4681(a), the permittee shall demonstrate initial and continuous compliance with the emission limits by one of the following approaches: **(40 CFR 63.4690(c))**

- a. Conduct separate compliance demonstrations for each applicable subcategory emissions limit and reflect these separate determinations in notifications, reports, and records required by 40 CFR 63.4710, 40 CFR 63.4720, and 40 CFR 63.4730, respectively.
- b. Demonstrate compliance with the most stringent of the applicable subcategory emission limits.

13. Any coating operation(s) using the compliant material option or the emission rate without add-on controls option shall be in compliance with the applicable emission limits in 40 CFR 63.4690 at all times. **(40 CFR 63.4700(a)(1))**
14. Any coating operation(s) using the emission rate with add-on controls option shall be in compliance with the applicable emission limits at all times except during periods of startup, shutdown, and malfunction (SSM). **(40 CFR 63.4700(a)(2)(i))**

II. MATERIAL LIMIT(S)

For the compliant materials option, the permittee shall meet the material limits specified in the following table:

Material	Limit	Time Period/ Operating Scenario	Equipment	Monitoring/ Testing Method	Underlying Applicable Requirements
1. Each Thinner	No Organic HAP *	Continuous	Each Coating Operation in Affected Source using Compliant Material Option	SC VI.1, VI.2, VI.3 & VI.6	40 CFR 63.4691(a)
2. Each Cleaning Material	No Organic HAP *	Continuous	Each Coating Operation in Affected Source using Compliant Material Option	SC VI.1, VI.2, VI.3 & VI.6	40 CFR 63.4691(a)

* Determined according to 40 CFR 63.4741(a).

III. PROCESS/OPERATIONAL RESTRICTIONS

1. For any coating operation(s) using the emission rate with add-on controls option, the permittee shall meet the operating limits specified in Table 3 to 40 CFR Part 63, Subpart QQQQ as identified below. The permittee must establish the operating limits during the performance test according to the requirements in 40 CFR 63.4767. **(40 CFR 63.4692(b) and Table 3)**

Select the appropriate add-on control device and operating limit for the source. **NOTE: Solvent recovery systems are not included in this table. Check Subpart QQQQ for additional operating requirements, add appropriate condition(s) and reference 40 CFR 63.4761(j).**

Add-On Control Device:	Operating limit:
Thermal oxidizer	a. The average combustion temperature in any 3-hour period must not fall below the combustion temperature limit established according to 40 CFR 63.4767(a).
Catalytic oxidizer	a. The average temperature difference measured across the catalyst bed in any 3-hour period must not fall below the limit established according 40 CFR 63.4767(b); or b. Ensure that the inlet temperature of the catalyst bed in any 3-hour period does not fall below the temperature limit established according to 40 CFR 63.4767(b)(3), and develop and implement an inspection and maintenance plan according to 40 CFR 63.4767(b)(3) and (4).
Carbon adsorber	a. The total regeneration desorbing gas (e.g. steam or nitrogen) mass flow for each carbon bed regeneration cycle must not fall below the total regeneration desorbing gas mass flow limit established according to 40 CFR 63.4767(c). b. The temperature of the carbon bed after completing each regeneration and any cooling cycle must not exceed the carbon bed temperature limit established according to 40 CFR 63.4767(c).
Condenser	a. The average condenser outlet (product side) gas temperature in any 3-hour period must not exceed the temperature limit established according to 40 CFR 63.4767(d).
Emission capture system that is a PTE according to 40 CFR 63.4765(a).	a. The direction of the air flow at all times must be into the enclosure; and either b. The average facial velocity of air through all natural draft openings in the enclosure must be at least 200 feet per minute; or c. The pressure drop across the enclosure must be at least 0.007 inch H ₂ O, as established in Method 204 of appendix M to 40 CFR Part 51.
Emission capture system	a. The average gas volumetric flow rate or duct static pressure in each duct between

Add-On Control Device:	Operating limit:
that is not a PTE according to 40 CFR 63.4765(a).	a capture device and add-on control device inlet in any 3-hour period must not fall below the average volumetric flow rate or duct static pressure limit established for that capture device according to 40 CFR 63.4767(f).
Concentrators, including zeolite wheels and rotary carbon adsorbers.	<p>a. The average gas temperature of the desorption concentrate stream in any 3-hour period must not fall below the limit established according to 40 CFR 63.4767(e); and</p> <p>b. The average pressure drop of the dilute stream across the concentrator in any 3-hour period must not exceed the limit established according to 40 CFR 63.4767(e).</p>

2. For any coating operation(s) using the emission rate with add-on controls option, the permittee shall develop and implement a work practice plan to minimize the organic HAP emissions from the storage, mixing and conveying of coatings, thinners, and cleaning materials used in, and waste materials generated by the controlled coating operation(s). The work practice plan shall specify practices and procedures to ensure that, at a minimum, the following elements are implemented:
 - a. All organic-HAP coatings, thinners, cleaning materials and waste materials must be stored in closed containers. **(40 CFR 63.4693(b)(1))**
 - b. Spills of organic-HAP coatings, thinners, cleaning material and waste materials must be minimized. **(40 CFR 63.4693(b)(2))**
 - c. Organic-HAP coatings, thinners, cleaning materials and waste materials must be conveyed from one location to another in closed containers or pipes. **(40 CFR 63.4693(b)(3))**
 - d. Mixing vessels which contain organic-HAP coatings and other materials must be closed except when adding to, removing or mixing the contents. **(40 CFR 63.4693(b)(4))**
 - e. Emissions of organic-HAP must be minimized during cleaning of storage, mixing and conveying equipment. **(40 CFR 63.4693(b)(5))**

The permittee may choose to comply with an alternative to the work practice standard, after receiving prior approval from the USEPA in accordance with 40 CFR 63.6(g). **(40 CFR 63.4693(d))** **NOTE: If an EPA approved alternatives exist, replace this condition with the alternative plan.**

3. If the affected source uses an emission capture system and add-on control device, the permittee shall develop and implement a written startup, shutdown and malfunction plan (SSMP) according to the provisions of 40 CFR 63.6(e)(3). This SSMP must address the startup, shutdown and corrective actions in the event of a malfunction of the emission capture system or the add-on control device. The SSMP must also address any coating operation equipment that may cause increased emissions or that would affect capture efficiency if the process equipment malfunctions, such as conveyors that move parts among enclosures. **(40 CFR 63.4700(d))**
4. For any coating operation(s) using the emission rate with add-on controls option, the permittee shall maintain a log detailing the operation and maintenance of the emission capture system, add-on control device, and continuous parameter monitors during the period between the compliance date specified in 40 CFR 63.4683 and the date when the initial emission capture system and add-on control device performance tests have been completed, as specified in 40 CFR 63.4760. **(40 CFR 63.4700(c))**
5. Any coating operation(s) using the emission rate with add-on controls option shall be in compliance with the operating limits for emission capture systems and add-on control devices required by 40 CFR 63.4692 at all times, except during periods of SSM. **(40 CFR 63.4700(a)(2)(ii))**
6. Any coating operation(s) using the emission rate with add-on controls option shall be in compliance with the work practice standards in 40 CFR 63.4693 at all times. **(40 CFR 63.4700(a)(2)(iii))**

IV. DESIGN/EQUIPMENT PARAMETER(S)

1. For any controlled coating operation(s) using the emission rate with add-on controls option, except those which use a solvent recovery system and conduct a liquid-liquid material balance according to 40 CFR 63.4761(j), the permittee shall meet the operating limits specified in Table 3 to 40 CFR Part 63, Subpart QQQQ. These operating limits apply to the emission capture and control systems on the coating operation(s) using this option,

and the permittee shall establish the operating limits during the performance test according to the requirements in 40 CFR 63.4767. The permittee shall meet the operating limits at all times after they are established. **(40 CFR 63.4692(b))**

V. TESTING/SAMPLING

Records shall be maintained on file for a period of five years. **(R 336.1213(3)(b)(ii), 40 CFR 63.4731)**

1. For any coating operation(s) using the emission rate with add-on controls option, the permittee shall conduct each performance test required by 40 CFR 63.4760 according to the requirements in 40 CFR 63.7(e)(1) and under the conditions in 40 CFR 63.4764(a)(1) and (2) unless a waiver is obtained according to the provisions of 40 CFR 63.7(h). **(40 CFR 63.4764(a))**
2. The permittee shall conduct each performance test of an emission capture system and add-on control device to determine capture efficiency and emission destruction or removal efficiency according to the requirements in 40 CFR 63.4765 and 40 CFR 63.4766. **(40 CFR 63.4764(b))**

See Appendix 5

VI. MONITORING/RECORDKEEPING

Records shall be maintained on file for a period of five years. **(R 336.1213(3)(b)(ii), 40 CFR 63.4731)**

1. The permittee shall conduct an initial compliance demonstration for the initial compliance period according to the requirements in 40 CFR 63.4741, 40 CFR 63.4751, or 40 CFR 63.4761. The initial compliance period begins on the applicable compliance date specified in 40 CFR 63.4683 and ends on the last day of the 12th month following the compliance date. If the compliance date occurs on any day other than the first of the month, then the initial compliance period extends through the end of that month plus the next 12 months. **(40 CFR 63.4740, 40 CFR 63.4750, 40 CFR 63.4760)**
2. The permittee shall keep all records required by 40 CFR 63.4730 in the format and timeframes according to 40 CFR 63.4731. **(40 CFR 63.4742(d), 40 CFR 63.4752(d), 40 CFR 63.4763(d))**
3. The permittee shall maintain, at a minimum, the following records for each compliance period:
 - a. A copy of each notification and report that is submitted to comply with 40 CFR Part 63, Subpart QQQQ and the documentation supporting each notification and report. **(40 CFR 63.4730(a))**
 - b. A current copy of information provided by materials suppliers or manufacturers, such as manufacturer's formulation data, or test data used to determine the mass fraction of organic HAP and density for each coating, thinner and cleaning material and the volume fraction of coating solids for each coating. **(40 CFR 63.4730(b))**
 - c. A list of the coating operations on which each compliance option was used, and the beginning and ending dates and times for each compliance option used. **(40 CFR 63.4730(c)(1))**
 - d. For the compliant materials option, the calculation of the organic HAP content for each coating, using Equation 2 of 40 CFR 63.4741. **(40 CFR 63.4730(c)(2))**
 - e. For the emission rate without add-on controls option, the calculation of the total mass of organic HAP emissions for the coatings, thinners and cleaning materials used each month using Equations 1, 1A through 1C and 2 of 40 CFR 63.4751; and, if applicable, the calculation used to determine mass of organic HAP in waste materials according to 40 CFR 63.4751(e)(4); the calculation of the total volume of coating solids used each month, using Equation 2 of 40 CFR 63.4751; and the calculation of each 12-month organic HAP emission rate, using Equation 3 of 40 CFR 63.4751. **(40 CFR 63.4730(c)(3))**
 - f. For the emission rate with add-on controls option, the calculations specified in 40 CFR 63.4730(c)(4)(i) through (v). **(40 CFR 63.4730(c)(4))**
 - g. The name and volume of each coating, thinner, and cleaning material used during each compliance period. **(40 CFR 63.4730(d))**
 - h. The mass fraction of organic HAP for each coating, thinner, and cleaning material used during each compliance period. **(40 CFR 63.4730(e))**

- i. The volume fraction of coating solids for each coating used during each compliance period. **(40 CFR 63.4730(f))**
 - j. The density of each coating and for either the emission rate without add-on controls or with add-on controls compliance option, the density of each thinner and cleaning material. **(40 CFR 63.4730(g))**
 - k. The information specified in 40 CFR 63.4530(h)(1) through (3), if an allowance is used in Equation 1 of 40 CFR 63.4751 for organic HAP contained in waste materials sent to or designated for shipment to a treatment, storage, and disposal facility (TSDF) according to 40 CFR 63.4751(e)(4). **(40 CFR 63.4730(h))**
 - l. The date, time and duration of each deviation. **(40 CFR 63.4730(j))**
 - m. For the emission rate with add-on controls option, records specified in 40 CFR 63.4730(k)(1) through 40 CFR 63.4730(k)(8). **(40 CFR 63.4730(k))**
4. For any coating operation(s) using the emission rate with add-on controls option, the permittee shall demonstrate continuous compliance with the operating limits specified in Table 3 to 40 CFR Part 63, Subpart QQQQ using the method(s) described below: **(40 CFR 63.4763(c))**

Select the appropriate add-on control device and operating limit for the source. NOTE: Solvent recovery systems are not included in this table. Check Subpart QQQQ for additional operating requirements, add appropriate condition(s) and reference 40 CFR 63.4761(j).

Add-on Control Device	Operating Limit	Continuous Compliance Demonstration Method
Thermal oxidizer	a. The average combustion temperature in any 3-hour period must not fall below the combustion temperature limit established according to 40 CFR 63.4767(a).	i. Collect the combustion temperature data according to 40 CFR 63.4768(c); ii. Reduce the data to 3-hour block averages; and iii. Maintain the 3-hour block average combustion temperature at or above the temperature limit.
Catalytic oxidizer	a. The average temperature difference measured across the catalyst bed in any 3-hour period must not fall below the limit established according 40 CFR 63.4767(b); or b. Ensure that the inlet temperature of the catalyst bed in any 3-hour period does not fall below the temperature limit established according to 40 CFR 63.4767(b)(2), and develop and implement an inspection and maintenance plan according to 40 CFR 63.4767(b)(3) and (4).	i. Collect the temperature data according to 40 CFR 63.4768(c); ii. Reduce the data to 3-hour block averages; and iii. Maintain the 3-hour block temperature difference across the catalyst bed at or above the temperature limit. i. Collect the temperature data according to 40 CFR 63.4768(c), reducing the data to 3-hour block averages, and maintaining the 3-hour average temperature at or above the temperature limit; and iii. Comply with the inspection and maintenance plan developed according to 40 CFR 63.4767(b)(3)and (4).
Carbon adsorber	a. The total regeneration desorbing gas (e.g. steam or nitrogen) mass flow for each carbon bed regeneration cycle must not fall below the total regeneration desorbing gas mass flow limit established according to 40 CFR 63.4767(c). b. The temperature of the carbon bed, after completing each regeneration and any	i. Measure the total regeneration desorbing gas (e.g. steam or nitrogen) mass flow for each regeneration cycle according to 40 CFR 63.4768(d); and ii. Maintain the total regeneration desorbing gas mass flow at or above the mass flow limit. i. Measure the temperature of the carbon

Add-on Control Device	Operating Limit	Continuous Compliance Demonstration Method
	cooling cycle, must not exceed the carbon bed temperature limit established according to 40 CFR 63.4767(c).	<p>bed, after completing each regeneration and any cooling cycle, according to 40 CFR 63.4768(d); and</p> <p>ii. Operate the carbon beds such that each carbon bed is not returned to service until completing each regeneration and any cooling cycle until the recorded temperature of the carbon bed is at or below the temperature limit.</p>
Condenser	a. The average condenser outlet (product side) gas temperature in any 3-hour period must not exceed the temperature limit established according to 40 CFR 63.4767(d).	<p>i. Collect the condenser outlet (product side) gas temperature according to 40 CFR 63.4768(e);</p> <p>ii. Reduce the data to 3-hour block averages; and</p> <p>iii. Maintain the 3-hour block average gas temperature at the outlet at or below the temperature limit.</p>
Emission capture system that is a PTE according to 40 CFR 63.4765(a).	<p>a. The direction of the air flow at all times must be into the enclosure; and either</p> <p>b. The average facial velocity of air through all natural draft openings in the enclosure must be at least 200 feet per minute; or</p> <p>c. The pressure drop across the enclosure must be at least 0.007 inch H₂O, as established in Method 204 of Appendix M of 40 CFR Part 51.</p>	<p>i. Collect the direction of air flow, and either the facial velocity of air through all natural draft openings according to 40 CFR 63.4768(g)(1) or the pressure drop across the enclosure according to 40 CFR 63.4768(g)(2);and</p> <p>ii. Maintain the facial velocity of air flow through all natural draft openings or the pressure drop at or above the facial velocity limit or pressure drop limit, and maintain the direction of air flow into the enclosure at all times.</p>
Emission capture system that is not a PTE according to 40 CFR 63.4765(a).	a. The average gas volumetric flow rate or duct static pressure in each duct between a capture device and add-on control device inlet in any 3-hour period must not fall below the average volumetric flow rate or duct static pressure limit established for that capture device according to 40 CFR 63.4767(f).	<p>i. Collect the gas volumetric flow rate or duct static pressure for each capture device according to 40 CFR 63.4768(g);</p> <p>ii. Reduce the data to 3-hour block averages; and</p> <p>iii. Maintain the 3-hour average gas volumetric flow rate or duct static pressure for each capture device at or above the gas volumetric flow rate or duct static pressure limit.</p>
Concentrators, including zeolite wheels and rotary carbon adsorbers.	<p>a. The average gas temperature of the desorption concentrate stream in any 3-hour period must not fall below the limit established according to 40 CFR 63.4767(e);and</p> <p>b. The average pressure drop of the dilute stream across the concentrator in any 3-hour period must not exceed the limit established according to 40 CFR 63.4767(e).</p>	<p>i. Collect the temperature data according to 40 CFR 63.4768(f);</p> <p>ii. Reduce the data to 3-hour block averages; and</p> <p>iii. Maintain the 3-hour block average temperature at or above the temperature limit.</p> <p>i. Collect the pressure drop data according to 40 CFR 63.4768(f); and</p> <p>ii. Reduce the pressure drop data to 3-hour block averages; and</p>

Add-on Control Device	Operating Limit	Continuous Compliance Demonstration Method
		iii. Maintain the 3-hour block average pressure drop at or below the pressure drop limit.

5. For each coating used for the compliant coating option, the permittee shall demonstrate continuous compliance with the emission limit in 40 CFR 63.4690, for each compliance period, using Equation 2 of 40 CFR 63.4741. For each thinner and cleaning material used, the permittee shall determine continuous compliance according to 40 CFR 63.4741(a). **(40 CFR 63.4742)**
6. For any coating operation or group of coating operations using the emission rate without add-on controls option, the permittee shall demonstrate continuous compliance with the applicable organic HAP emission limit in 40 CFR 63.4690, for each compliance period, using Equation 3 of 40 CFR 63.4751. **(40 CFR 63.4752)**
7. For any coating operation(s) using the emission rate with add-on controls option, the permittee shall demonstrate continuous compliance with the applicable organic HAP emission limit in 40 CFR 63.4690, for each compliance period, using Equation 5 of 40 CFR 63.4761. **(40 CFR 63.4763)**
8. For any coating operation(s) using the emission rate with add-on controls option, the permittee shall install, operate, and maintain each Continuous Parameter Monitoring System (CPMS) according to the requirements of 40 CFR 63.4768(a). If the capture system contains a bypass line, the permittee shall comply with the requirements of 40 CFR 63.4768(b). **(40 CFR 63.4768)**
9. During the performance test required by 40 CFR 63.4760, the permittee shall perform the applicable monitoring and recordkeeping in accordance with 40 CFR 63.4767 to establish the emission capture system and add-on control device operating limits required by 40 CFR 63.4692. **(40 CFR 63.4767)**
10. The permittee must apply to the USEPA for approval of alternative monitoring under 40 CFR 63.8(f), if using an add-on control device other than those listed in Table 3 of 40 CFR Part 63, Subpart QQQQ, or to monitor an alternative parameter and comply with a different operating limit. **(40 CFR 63.4692(c))**

See Appendices {Enter 3, 4, and/or 7}

VII. REPORTING

1. Prompt reporting of deviations pursuant to General Conditions 21 and 22 of Part A. **(R 336.1213(3)(c)(ii))**
2. Semiannual reporting of monitoring and deviations pursuant to General Condition 23 of Part A. The report shall be postmarked or received by the appropriate AQD District Office by March 15 for reporting period July 1 to December 31 and September 15 for reporting period January 1 to June 30. **(R 336.1213(3)(c)(i))**
3. Annual certification of compliance pursuant to General Conditions 19 and 20 of Part A. The report shall be postmarked or received by the appropriate AQD District Office by March 15 for the previous calendar year. **(R 336.1213(4)(c))**
4. For the compliant material option, if any coating used for any 12-month compliance period exceeds the applicable emission limit specified in 40 CFR 63.4690; or any thinner or cleaning material used contains any organic HAP, the permittee shall report this as a deviation as specified in 40 CFR 63.4710(c)(6) and 40 CFR 63.4720(a)(5). **(40 CFR 63.4742(b))**
5. For the emission rate without add-on controls, if the organic HAP emission rate for any 12-month compliance period exceeds the applicable emission limit specified in 40 CFR 63.4690, the permittee shall report this as a deviation as specified in 40 CFR 63.4710(c)(6) and 40 CFR 63.4720(a)(6). **(40 CFR 63.4752(b))**
6. For the emission rate with add-on controls option, the permittee shall report the following as deviations as specified in 40 CFR 63.4710(c)(6) and 40 CFR 63.4720(a)(7):
 - a. The organic HAP emission rate for any 12-month compliance period exceeds the applicable emission limit specified in 40 CFR 63.4690; **(40 CFR 63.4763(b))**

- b. An operating parameter is out of the allowed range; **(40 CFR 63.4763(c)(1))**
 - c. Any control system by-pass line, for which liquid-liquid material balances are not carried out, is opened; **(40 CFR 63.4763(d))**
 - d. Deviations from work practice standards occur. **(40 CFR 63.4763(e))**
7. The Permittee shall submit the applicable notifications specified in 40 CFR 63.7(b) and (c), 63.8(f)(4) and 63.9(b) through (e) and (h), an initial notification and a notification of compliance status as specified in 40 CFR 63.4710. **(40 CFR Part 63, Subparts A and QQQQ)**
 8. The permittee shall submit all semiannual compliance reports as required by 40 CFR 63.4720. Each semiannual compliance report shall identify which coating operation(s) used each compliance option, and if there were no deviations from the emission limitations in 40 CFR 63.4690, include a statement that the coating operations were in compliance. **(40 CFR 63.4720, 40 CFR 63.4742(c), 40 CFR 63.4752(c), 40 CFR 63.4763(f))**
 9. For any coating operation(s) using the emission rate with add-on controls option, the permittee shall submit all performance test reports for emission capture systems and add-on control devices. **(40 CFR 63.4720(b))**
 10. If the emission rate with add-on controls option is used and a startup, shutdown, or malfunction occurs during the semiannual reporting period, the permittee shall submit a SSM report as specified in 40 CFR 63.4720(c). **(40 CFR 63.4720(c), 40 CFR 63.10(d))**

See Appendix 8

VIII. STACK/VENT RESTRICTION(S)

The exhaust gases from the stacks listed in the table below shall be discharged unobstructed vertically upwards to the ambient air unless otherwise noted:

Stack & Vent ID	Maximum Exhaust Dimensions (inches)	Minimum Height Above Ground (feet)	Underlying Applicable Requirements
NA	NA	NA	NA

IX. OTHER REQUIREMENT(S)

1. The permittee shall comply with all applicable provisions of the National Emission Standards for Hazardous Air Pollutants, as specified in 40 CFR Part 63, Subpart A and Subpart QQQQ for Surface Coating of Wood Building Products by the initial compliance date. **(40 CFR Part 63, Subparts A and QQQQ)**

Footnotes:

¹This condition is state only enforceable and was established pursuant to Rule 201(1)(b).

²This condition is federally enforceable and was established pursuant to Rule 201(1)(a).