



Fluid Motion, LLC
Ranger Tugs, Cutwater Boats, Solara Boats
17939 59th Ave NE Arlington 98223

June 01, 2023

Puget Sound Clean Air Agency
1904 3rd Avenue, Suite 105
Seattle, Washington 98101

Attn: Operating Permit Certification

Re: Title V Operating Permit Initial Application
Fluid Motion Arlington Manufacturing Facility

Enclosed is an application for the initial Title V Air Operating permit. Fluid Motion became a major source on June 3, 2022. Consistent with state regulations, Fluid Motion is submitting this application 12 months after the major source permit was issued. Because Puget Sound Clean Air Agency (PSCAA) does not have forms for the Title V Air Operating Permit initial application, the renewal forms provided by PSCAA were used.

In addition to the certification provided in Form A that statements and information in the application are true, accurate, and complete, I further certify that the Fluid Motion Arlington Facility is in compliance with all existing air quality regulations and permit requirements, will continue to comply with such requirements, and will meet on a timely basis applicable requirements that become effective during the permit term.

Sincerely,

A handwritten signature in blue ink, appearing to read "John Livingston".

John Livingston
Owner
Fluid Motion, LLC

AIR OPERATING PERMIT RENEWAL APPLICATION

General Instructions and Checklist

Air operating permits (AOPs) are issued for a term of five years. After five years, the AOP must be reissued or "renewed." A complete renewal application must be received by the Puget Sound Clean Air Agency (PSCAA) by the date listed in your current permit. Your assigned PSCAA engineer will review your application for completeness within 60 days of receipt. If incomplete, your assigned PSCAA engineer will provide written notification of incompleteness and specify the information needed to make the application complete. PSCAA recommends submittal of your renewal application 90 days prior to the due date in the current permit to ensure a complete application is received by the due date.

You will be provided with written notification when a complete application is received. Submitting a timely and complete renewal application will give you an "application shield" to allow you to operate under your current permit (even after it's expired) until a final permit is issued.

In some cases, a prior submittal to PSCAA may include information requested below. If you would like to refer PSCAA to that information rather than provide the information here, please note this in your response. It is also acceptable to attach relevant portions of your current Air Operating Permit if the information therein provides an adequate response to an information request in this application.

AIR OPERATING PERMIT RENEWAL APPLICATION

General Instructions and Checklist

Your AOP Renewal Application should include the following:

- ☒ Form A: General Information
- ☒ Form B: Emission Units
- ☒ Form C: Emissions
 - ☒ Emission calculations used to complete Form C.
- ☒ Form D: Applicability Determinations

The following, if identified in Form C:

- ☐ CAM Plan

The following, if identified in Form D:

- ☒ Form E: NOC Approval Orders
- ☐ Form F: Off-Permit/502(b)(10) Changes
- ☐ Form G: NOC Not Required
- ☒ Form H: New Requirements
- ☒ Form I: Requested Changes
- ☒ Compliance Plan

Submit a complete application to the Agency and send a copy to EPA.

Puget Sound Clean Air Agency

Attn: Operating Permit Certification
1904 3rd Ave, Suite 105
Seattle, WA 98101

EPA Region 10, Mail Stop OAQ-107

Attn: Air Operating Permit
1200 Sixth Ave
Seattle, WA 98101

AIR OPERATING PERMIT RENEWAL APPLICATION

Form A: General Information

FACILITY INFORMATION

Company Name Fluid Motion, LLC		Site Name Fluid Motion	
Site Address 17939 59th Ave, NE Building #4	City Arlington	State WA	Zip 98223
Title V Air Operating Permit No. 29632	Expiration Date of Title V Operating Permit N/A		
SIC Code 3732	NAICS Code 336612		

RESPONSIBLE OFFICIAL

Name John Livingston	Title Owner		
Phone (206) 601-2885	Email johnlivingston@rangertugs.com		
Address (if different from site address) 17300 Tye St. SE	City Monroe	State WA	Zip 98272

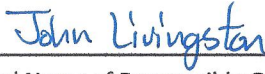


FACILITY CONTACT INFORMATION

Name Dennis Pearson	Title		
Phone (425) 212-8136	Email dennispearson@rangertugs.com		
Address (if different from site address)	City	State	Zip

STATEMENT OF CERTIFICATION

Responsible Official Statement:

I, the undersigned, certify that I am the responsible official, as defined in WAC 173-401-200, of the Title V source addressed in this application. I further certify, based on information and belief formed after reasonable inquiry, that the statements and information in this application are true, accurate and complete.

 Printed Name of Responsible Official	 Title of Responsible Official
 Signature	6/1/23 Date

AIR OPERATING PERMIT RENEWAL APPLICATION

Form B: Emissions Units

The purpose of Form B is to record information about your facility and its emission units.

Emissions Unit Number: This is a unique number that identifies the emission unit in question. For existing emission units, please refer to your current AOP for assigned emissions unit numbers.

Emissions Unit Name & Description: Provide the name and description of all emissions units at the facility.

Air Pollution Control Equipment: Please list any air pollution control equipment that exists for each emissions unit.

Fuel(s) Used: Please list all fuel(s) used for each emission unit, as applicable.

Significant or Insignificant: For each emission unit, please check if it is a significant (S) or insignificant (I) emission units as described and defined in WAC 173-401-530 through -533. For insignificant emissions units, please state the basis for the determination (e.g., for a small propane storage tank, the basis would be WAC 173-401-533(2)(d)). Note that emissions units subject to a federally enforceable applicable requirement cannot be considered insignificant even if they are listed in WAC 173-401-530 through -533 (see WAC 173-401-530(2)(a)) (e.g., emergency generators subject to 40 CFR Part 63 Subpart ZZZZ would not be considered an insignificant emission unit.)

AIR OPERATING PERMIT RENEWAL APPLICATION

Form B: Emissions Units

Emissions Unit Number	Emissions Unit Name & Description	Air Pollution Control Equipment	Fuel(s) Used	Significant or Insignificant WAC 173-401-530 through -533	
				(S or I)	Basis
EU-1	West Lamination Building (Building 2)	EU-1	West Lamination Building (Building 2)	<input checked="" type="checkbox"/> S <input type="checkbox"/> I	
EU-2	East Lamination Building (Building 3)	EU-2	East Lamination Building (Building 3)	<input checked="" type="checkbox"/> S <input type="checkbox"/> I	
				<input type="checkbox"/> S <input type="checkbox"/> I	
	Wood spraying		Wood spraying	<input type="checkbox"/> S <input checked="" type="checkbox"/> I	WAC 173-401-530(4)(d)
	Wax application on molds		Wax application on molds	<input type="checkbox"/> S <input checked="" type="checkbox"/> I	WAC 173-401-532(32)
	Office activities		Office activities	<input type="checkbox"/> S <input checked="" type="checkbox"/> I	WAC 173-401-532(35)
	Portable drums and totes		Portable drums and totes	<input type="checkbox"/> S <input checked="" type="checkbox"/> I	WAC 173-401-532(42)
	Cleaning and sweeping of paved surfaces		Cleaning and sweeping of paved surfaces	<input type="checkbox"/> S <input checked="" type="checkbox"/> I	WAC 173-401-532(44)
	Maintenance and plant upkeep		Maintenance and plant upkeep	<input type="checkbox"/> S <input checked="" type="checkbox"/> I	WAC 173-401-532(33)
	Flares used to indicate danger/help		Flares used to indicate danger/help	<input type="checkbox"/> S <input checked="" type="checkbox"/> I	WAC 173-401-532(44)
	Wood sanding and cutting		Wood sanding and cutting	<input type="checkbox"/> S <input checked="" type="checkbox"/> I	WAC 173-401-532(55)
	FRP grinding and cutting		FRP grinding and cutting	<input type="checkbox"/> S <input checked="" type="checkbox"/> I	WAC 173-401-532(55)
	Internal combustion engines function testing		Internal combustion engines function testing	<input type="checkbox"/> S <input checked="" type="checkbox"/> I	WAC 173-401-532(10)
	Fuel and exhaust emissions from vehicles in parking lots		Fuel and exhaust emissions from vehicles in parking lots	<input type="checkbox"/> S <input checked="" type="checkbox"/> I	WAC 173-401-532(54)

Emissions Unit Number	Emissions Unit Name & Description	Air Pollution Control Equipment	Fuel(s) Used	Significant or Insignificant WAC 173-401-530 through -533	
				(S or I)	Basis
	Air compressors, pneumatically operated equipment, systems and hand tools			<input type="checkbox"/> S <input checked="" type="checkbox"/> I	WAC 173-401-532(88)
	Vacuum systems exhaust			<input type="checkbox"/> S <input checked="" type="checkbox"/> I	WAC 173-401-532(108)
	Welding			<input type="checkbox"/> S <input checked="" type="checkbox"/> I	WAC 173-401-533(i)
	Combustion makeup air			<input type="checkbox"/> S <input checked="" type="checkbox"/> I	WAC 173-401-533(e)
	Use of barbecues for employee dinners			<input type="checkbox"/> S <input checked="" type="checkbox"/> I	WAC 173-401-532(11)
	Air heating and cooling units for the office			<input type="checkbox"/> S <input checked="" type="checkbox"/> I	WAC 173-401-532(46)

AIR OPERATING PERMIT RENEWAL APPLICATION

Form C: Emissions

The purpose of Form C is to record information about the amount of emissions emitted from your facility.

Emissions Unit Number: Please include each emission unit number from Form B for significant emission units. You do not need to include insignificant emission units on this form.

Pollutants: For each emission unit, include all regulated pollutants emitted including greenhouse gases. You will have more than one record for each emissions unit.

Emissions:

Annual Potential Emissions: Provide the potential annual emissions or “potential to emit” for each regulated pollutant. “Potential to emit” means the maximum capacity of a stationary source to emit air pollutants under its physical and operational design. Any physical or operational limitation on the capacity of a source to emit an air pollutant, including restrictions on hours of operation or on the type or amount of materials combusted, stored, or processed, shall be treated as part of its design if the limitation is federally enforceable.

Actual Emissions for Calendar Year: Provide actual emissions of regulated pollutants for the most recent calendar year. Actual emissions should be expressed in terms of tons/year. In addition to completing Form C, please attach a copy of the supporting emission calculations.

CAM Applicability:

The applicant should indicate whether or not an emissions unit is subject to the Compliance Assurance Monitoring (CAM) Rule (Title 40 Code of Federal Regulations Part 64). Units not subject to CAM will be subject to periodic monitoring. The applicability determination for this rule can be found in 40 CFR § 64.2. This determination needs to be made for each pollutant. It is probable that for a particular emission unit, one pollutant would be subject to periodic monitoring and another pollutant would be subject to CAM. If the emission unit is subject to CAM, the application should follow the submittal requirements in 40 CFR 64.4 which includes monitoring to assure continuous compliance with emission limitations or standards for the anticipated range of operations at a pollutant-specific emission unit.

AIR OPERATING PERMIT RENEWAL APPLICATION

Form C: Emissions

Emissions Unit Number (from Form B)	Pollutants (all regulated pollutants including greenhouse gases)	Emissions			CAM Applicability	
		Annual Potential Emissions (for each regulated air pollutant)	Have Potential Emissions changed since submittal of most recent AOP Application?	Actual Emissions for Calendar Year	Annual Potential Emissions without regard to Control Device	CAM needed? If yes, submit a CAM Plan
EU-1	Styrene	19.9 tons	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	3.14 tons	19.9 tons	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
EU-1	Methyl methacrylate	1.44 tons	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	0.01 tons	1.44 tons	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
EU-1	Methyl ethyl ketone	0.4 tons	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	0.06 tons	0.4 tons	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
EU-1	Cyclohexane	0.12 tons	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	0.019 tons	0.12 tons	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
EU-1	Dimethyl ether	0.12 tons	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	0.019 tons	0.12 tons	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
EU-1	n-Hexane	0.028 tons	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	0.004 tons	0.028 tons	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
EU-1	Toluene	0.009 tons	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	0.001 tons	0.009 tons	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
EU-1	Silica	0.0139 tons	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	0.002 tons	0.695 tons	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
EU-1	PM ₁₀ /PM _{2.5}	0.0139 tons	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	0.002 tons	0.695 tons	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
EU-1	VOC	22.7 tons	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	1.70 tons	22.7 tons	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
EU-1	Total HAPs	21.3 tons	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	1.60 tons	22.0 tons	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
EU-2	Styrene	39.7 tons	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	6.28 tons	39.7 tons	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

EU-2	Methyl methacrylate	2.88 tons	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	0.02 tons	2.88 tons	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
EU-2	Methyl ethyl ketone	0.8 tons	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	0.13 tons	0.8 tons	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
EU-2	Cyclohexane	0.24 tons	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	0.038 tons	0.24 tons	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
EU-2	Dimethyl ether	0.24 tons	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	0.038 tons	0.24 tons	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
EU-2	n-Hexane	0.055 tons	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	0.009 tons	0.055 tons	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
EU-2	Toluene	0.019 tons	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	0.003 tons	0.019 tons	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
EU-2	Silica	0.0278 tons	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	0.004 tons	1.39 tons	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
EU-2	PM ₁₀ /PM _{2.5}	0.0278 tons	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	0.004 tons	1.39 tons	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
EU-2	VOC	45.4 tons	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	3.39 tons	45.4 tons	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
EU-2	Total HAPs	42.7 tons	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	3.19 tons	44.1 tons	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

AIR OPERATING PERMIT RENEWAL APPLICATION

Form D: Applicability Determinations

The purpose of Form D is to identify any changes or new applicable requirements to your facility and identify additional forms or information that needs to be submitted.

Facility Changes: Identify if there have been any changes to equipment or processes at the facility. If yes, please complete the identified form(s).

New Applicable Requirements: Identify if there have been any new applicable (or inapplicable) requirements (state, local, or federal) that have been promulgated since the last permit renewal. These requirements may include, but are not limited to, New Source Performance Standards (NSPS) and National Emission Standards for Hazardous Air Pollutants (NESHAPs).

Current Compliance: The applicant must determine the compliance status of each emission unit and each applicable requirement based on information and belief formed after reasonable inquiry including but not limited to comparing actual emissions with allowable limits. Requirements that a source is not complying with should be identified in the compliance plan. For those requirements, the applicant must include a schedule of measures to achieve compliance with the applicable requirement in the compliance plan required under WAC 173-401-510(2)(h).

Requested Changes: Please identify if you would like to request any changes to any conditions in the current permit and complete Form I.

Other Changes/Corrections: Please review the Statement of Basis and identify if there are any other changes that need to be made to the process descriptions, raw materials used, fuels used, etc. If so, please attach details or a marked up copy of the current permit.

AIR OPERATING PERMIT RENEWAL APPLICATION

Form D: Applicability Determinations

FACILITY CHANGES		
Are/were there any...		If yes...
Notice of Construction Approval Orders that have been issued but not incorporated into the Air Operating Permit?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Complete Form E for each Approval Order
Off-permit changes according to WAC 173-401-724?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Complete Form F
Section 502(b)(10) changes according to WAC 173-401-722(2)?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Complete Form F
New sources or modifications that did not require a Notice of Construction?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Complete Form G

NEW APPLICABLE REQUIREMENTS		
		If yes...
Are there any new applicable requirements?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Complete Form H
Are there any inapplicable requirements for which the source would like to request to extend the permit shield?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Complete Form H
Does the accidental release prevention regulation apply to the facility? (40 CFR Part 68)	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Attach a list of the regulated substances present in processes at the facility and identify the applicable program

CURRENT COMPLIANCE		
		If yes...
Is the source in compliance with all of the conditions of the current permit?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Attach a compliance plan in accordance with WAC 173-401-710(h).

AIR OPERATING PERMIT RENEWAL APPLICATION

Form D: Applicability Determinations

REQUESTED CHANGES		
Are there any requested changes to...		If yes...
Testing conditions?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Complete Form I
Monitoring conditions (other than those being replaced by CAM)?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
Recordkeeping conditions?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
Reporting conditions?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
Non-applicable conditions?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
Any conditions?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	

REQUESTED CHANGES		
Are there any...		If yes...
Changes to the Process Descriptions in the current Statement of Basis?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Please attach details or marked up copy of current permit or Statement of Basis.
Changes to the Emission Unit Summary in the current Statement of Basis?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Changes to the Regulatory Determinations in the current Statement of Basis?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Changes to the Insignificant Emission Units listed in the current Statement of Basis?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	

AIR OPERATING PERMIT RENEWAL APPLICATION

Form E: NOC Orders of Approval

For each NOC Order of Approval that was issued but conditions were not incorporated into the AOP, list each new applicable requirement (including approval order requirements, NSPS, NESHAPs, etc). Please complete a separate form for each NOC Order of Approval.

Order of Approval # 12155	Date Issued 06/03/2022
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Order of Approval Condition # or Citation of Regulation	Condition or Description of Applicable Requirement
NOC No. 12155, Condition #3	During resin or gel-coat operations, all doors, windows, and other openings in the active lamination building (except for exhaust stacks) shall be closed except to allow intermittent passage of personnel and equipment during resin application and get-coat application activities.
NOC No. 12155, Condition #4	The fiberglass manufacturing spray rooms in both Buildings 2 and 3 shall be equipped with a dry filtration system with minimum control efficiency of 98%. Compliance with this condition shall be demonstrated through use of manufacturer specifications or equivalent.
NOC No. 12155, Condition #5	The dry filter systems serving the spraying rooms in both the East Lamination Building and West Lamination Building shall each be equipped with a gauge (manometer or magnehelic) to measure pressure drop across the exhaust filters. The acceptable pressure drop range shall be clearly marked on or near the gauge. The minimum pressure drop shall not be less than the pressure drop measured with a clean, properly installed filter.
NOC No. 12155, Condition #6.a	The facility must not operate for more than 6,240 hours per year. Compliance with this limitation may be demonstrated through operational logs.
NOC No. 12155, Condition #6.b	Boats fabricated in Building 2 must be less than 32 feet. Compliance with the limitation on the boat length may be demonstrated through production data.
NOC No. 12155, Condition #6.c	Boats fabricated in Building 3 must not exceed 45 feet. Compliance with this limitation may be demonstrated through production data.
NOC No. 12155, Condition #6.d	Building 2 must not exceed 16 lamination workers per 8-hour shift. Compliance with this limitation may be demonstrated through employee schedules or other personnel documentation.

AIR OPERATING PERMIT RENEWAL APPLICATION

Order of Approval Condition # or Citation of Regulation	Condition or Description of Applicable Requirement
NOC No. 12155, Condition #6.e	Building 3 must not exceed 30 lamination workers per 8-hour shift. Compliance with this limitation may be demonstrated through employee schedules or other personnel documentation.
NOC No. 12155, Condition #7	Gel coat and resins used for open molding operations shall not exceed the organic HAP limits shown in NOC No. 12155. Compliance with this condition shall be demonstrated through Safety Data Sheets and a record of each material used.
NOC No. 12155, Condition #8	Adhesives shall not exceed 5% (by weight) total organic HAPs in non-atomized or hand-held aerosol spray cans (less than 1 quart capacity). Compliance with this condition shall be demonstrated through Safety Data Sheets and a record of each material used.
NOC No. 12155, Condition #9	The amount of clear gel coat applied to each boat shall not exceed 1 gallon. The owner or operator shall track and record the amount of clear gel coat used on each boat.
NOC No. 12155, Condition #10	The owner or operator shall use only non-atomizing methods for production and tooling resin application.
NOC No. 12155, Condition #11	Gel coat shall only be applied with one of the following options: high-volume low-pressure (HVL) spray equipment; electrostatic spray equipment; airless spray equipment, or non-atomizing methods.
NOC No. 12155, Condition #12	The owner or operator shall visually inspect all HAP/VOC material containers at the facility at least once per week. The inspection should ensure that all containers have covers with no visible gaps between the cover and the container, or between the cover and equipment passing over the cover. If any visible gaps are noted, the owner or operator shall take immediate corrective action to close the cover over the container. The owner or operator shall keep contemporaneous record of the results of the inspection including a description of corrective actions taken. The record shall include, at minimum, the following information: (a) operator's name; (b) date and time of inspection; (c) confirmation of closed containers; and (d) the description of corrective action taken, if any.
NOC No. 12155, Condition #13	<p>At least once per operating day prior to conducting open molding operation in a given spray room, the owner or operator shall inspect the associated dry filter system to ensure that:</p> <ul style="list-style-type: none"> (a) The pressure drop measurement device is operating; (b) The pressure drop across the exhaust filter is within acceptable range recommended by the manufacturer; and (c) The filter is properly installed, seated, and secured.

AIR OPERATING PERMIT RENEWAL APPLICATION

Order of Approval Condition # or Citation of Regulation	Condition or Description of Applicable Requirement
NOC No. 12155, Condition #14	If requirements as described by Condition #13 are not met, the owner or operator shall discontinue the operations and take corrective action. The owner or operator shall only resume operation after the requirements as described by Condition #13 are met.
NOC No. 12155, Condition #15	The owner or operator shall keep the Condition #13 dry filter system inspection records in a written log contemporaneously. The records shall at least include the following, but not limited to: (a) the date and time of the inspection; (b) the name of the person conducted the inspection; (c) the pressure drop; (d) confirmation that the filter is not installed backwards, is properly sealed and is tightly secured; and (e) the corrective action conducted, if any.
NOC No. 12155, Condition #16	The owner or operator shall use cleaning solvent that does not contain any VOC or HAP for resin and gel coat application equipment cleaning. Compliance with this condition shall be demonstrated by manufacturers' records of the cleaning solvent content.
NOC No. 12155, Condition #17	The owner or operator shall monitor and record quantities of all purchases of raw materials on a monthly basis. Raw materials include all products used at the facility that contribute to HAP and VOC emissions. The owner or operator shall maintain, on-site, safety data sheets or certified product data sheets for these products.
NOC No. 12155, Condition #18	The owner or operator shall determine the organic HAP content for each material used in the open molding resin and gel coat operations, carpet and fabric adhesive operations by using information from the supplier or manufacturer of the material. If the organic HAP content is provided by the material supplier or manufacturer as a range, then the owner or operator shall use the upper limit of the range for determining compliance.
NOC No. 12155, Condition #19	The owner or operator shall monitor the immediate area outside the building for detectable odors from their facility at least once every calendar week (Sunday through Saturday). For at least one hour immediately prior to monitoring, the person performing the monitoring must remain in an atmosphere free of organic HAP odor and may not be inside the facility. If any odors from the facility are detected at or beyond the building during the monitoring or at any other time, the owner or operator shall immediately initiate corrective action to minimize the odor. The owner or operator shall keep contemporaneous record of the results of the inspection including description of corrective actions taken. The record shall include, at minimum, the following information: (a) operator's name; (b) data and time of inspection; (c) presence or absence of organic HAP odors; and (d) the description of corrective action taken to minimize odors.

AIR OPERATING PERMIT RENEWAL APPLICATION

Order of Approval Condition # or Citation of Regulation	Condition or Description of Applicable Requirement
40 CFR 63.5698(a-b) (Subpart VVVV)	<p>The owner or operator must limit organic HAP emissions from open molding operations for production resin, pigmented gel coat, clear gel coat, tooling resin, and tooling gel coat to the limit specified by equation 1 of 40 CFR 63.5698, based on a 12-month rolling average.</p> <p>Operations below are exempt from this limit:</p> <p>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 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.</p> <p>(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.</p> <p>(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</p>
40 CFR 63.5701 (Subpart VVVV)	<p>The owner or operator 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.</p> <p>(a) Maximum achievable control technology (MACT) model point value averaging (emissions averaging) option.</p> <p>(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. (</p> <p>(2) Those operations and materials not included in the emissions average must comply with either paragraph (b) or (c) of this section.</p> <p>(b) Compliant materials option. Demonstrate compliance by using resins and gel coats that meet the organic HAP content requirements in Table 2 to this subpart. Compliance with this option is based on a 12-month rolling average.</p> <p>(c) Add-on control option. Use an enclosure and add-on control device, and demonstrate that the resulting emissions meet the emission limit in § 63.5698. Compliance with this option is based on control device performance testing and control device monitoring.</p>

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40 CFR 63.5704 (Subpart VVVV)	<p>The following are general requirements for complying with the open molding emission limit:</p> <p>(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.</p> <p>(1) Use the methods specified in § 63.5758 to determine the organic HAP content of resins and gel coats.</p> <p>(2) Complete the calculations described in § 63.5710 to show that the organic HAP emissions do not exceed the limit specified in § 63.5698.</p> <p>(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.</p> <p>(4) Prepare and submit the implementation plan described in § 63.5707 to the Administrator and keep it up to date.</p> <p>(5) Submit semiannual compliance reports to the Administrator as specified in § 63.5764.</p>
40 CFR 63.5707 (Subpart VVVV)	<p>(a) You must prepare an implementation plan for all open molding operations for which you comply by using the emissions averaging option described in § 63.5704(a).</p> <p>(b) The implementation plan must describe the steps you will take to bring the open molding operations covered by this subpart into compliance. For each operation included in the emissions average, your implementation plan must include the elements listed in paragraphs (b)(1) through (3) of this section.</p> <p>(1) A description of each operation included in the average.</p> <p>(2) The maximum organic HAP content of the materials used, the application method used (if any atomized resin application methods are used in the average), and any other methods used to control emissions.</p> <p>(3) Calculations showing that the operations covered by the plan will comply with the open molding emission limit specified in § 63.5698.</p> <p>(c) You must submit the implementation plan to the Administrator with the notification of compliance status specified in § 63.5761.</p> <p>(d) You must keep the implementation plan on site and provide it to the Administrator when asked.</p> <p>(e) If you revise the implementation plan, you must submit the revised plan with your next semiannual compliance report specified in § 63.5764.</p>

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40 CFR 63.5710 (Subpart VVVV)	<p>(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.</p> <p>(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 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.)</p> <p>(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.</p> <p>(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.</p> <p>(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.</p>
40 CFR 63.5713 (Subpart VVVV)	<p>(a) Compliance using the organic HAP content requirements listed in Table 2 to this subpart is based on a 12-month rolling average that is calculated at the end of every month. The first 12-month rolling-average period begins on the compliance date specified in § 63.5695. If you are using filled material (production resin or tooling resin), you must comply according to the procedure described in § 63.5714.</p> <p>(b) At the end of the twelfth month after your compliance date and at the end of every subsequent month, review the organic HAP contents of the resins and gel coats used in the past 12 months in each operation. If all resins and gel coats used in an operation have organic HAP contents no greater than the applicable organic HAP content limits in Table 2 to this subpart, then you are in compliance with the emission limit specified in § 63.5698 for that 12-month period for that operation. In addition, you do not need to complete the weighted-average organic HAP content calculation contained in paragraph (c) of this section for that operation.</p> <p>(c) At the end of every month, you must use equation 1 of this section to calculate the weighted-average organic HAP content for all resins and gel coats used in each operation in the past 12 months.</p> <p>(d) If the weighted-average organic HAP content does not exceed the applicable organic HAP content limit specified in Table 2 to this subpart, then you are in compliance with the emission limit specified in § 63.5698.</p>

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40 CFR 63.5714 (Subpart VVVV)	<p>(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.</p> <p>(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.</p> <p>(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.</p> <p>(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.</p>
40 CFR 63.4 (Subpart A)	<p>(a) <i>Prohibited activities.</i></p> <p>(1) No owner or operator subject to the provisions of this part must operate any affected source in violation of the requirements of this part. Affected sources subject to and in compliance with either an extension of compliance or an exemption from compliance are not in violation of the requirements of this part. An extension of compliance can be granted by the Administrator under this part; by a State with an approved permit program; or by the President under section 112(i)(4) of the Act.</p> <p>(2) No owner or operator subject to the provisions of this part shall fail to keep records, notify, report, or revise reports as required under this part.</p> <p>(3)–(5) [Reserved]</p> <p>(b) <i>Circumvention.</i> No owner or operator subject to the provisions of this part shall build, erect, install, or use any article, machine, equipment, or process to conceal an emission that would otherwise constitute noncompliance with a relevant standard. Such concealment includes, but is not limited to—</p> <p>(1) The use of diluents to achieve compliance with a relevant standard based on the concentration of a pollutant in the effluent discharged to the atmosphere;</p> <p>(2) The use of gaseous diluents to achieve compliance with a relevant standard for visible emissions; and</p> <p>(c) <i>Fragmentation.</i> Fragmentation after November 15, 1990 which divides ownership of an operation, within the same facility among various owners where there is no real change in control, will not affect applicability. The owner and operator must not use fragmentation or phasing of reconstruction activities (i.e., intentionally dividing reconstruction into multiple parts for purposes of avoiding new source requirements) to avoid becoming subject to new source requirements.</p>
40 CFR 63.7(a)(3) (Subpart A)	The Administrator may require an owner or operator to conduct performance tests at the affected source at any other time when the action is authorized by section 114 of the Act.

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40 CFR 63.7(b) (Subpart A)	<p>Notification of performance test</p> <p>(1) The owner or operator of an affected source must notify the Administrator in writing of his or her intention to conduct a performance test at least 60 calendar days before the performance test is initially scheduled to begin to allow the Administrator, upon request, to review an approve the site-specific test plan required under paragraph (c) of this section and to have an observer present during the test.</p> <p>(2) In the event the owner or operator is unable to conduct the performance test on the date specified in the notification requirement specified in paragraph (b)(1) of this section due to unforeseeable circumstances beyond his or her control, the owner or operator must notify the Administrator as soon as practicable and without delay prior to the scheduled performance test date and specify the date when the performance test is rescheduled. This notification of delay in conducting the performance test shall not relieve the owner or operator of legal responsibility for compliance with any other applicable provisions of this part or with any other applicable Federal, State, or local requirement, nor will it prevent the Administrator from implementing or enforcing this part or taking any other action under the Act.</p>
40 CFR 63.7(c) (Subpart A)	<p>Quality assurance program</p> <p>(1) The results of the quality assurance program required in this paragraph will be considered by the Administrator when he/she determines the validity of a performance test.</p> <p>(2) (i) <i>Submission of site-specific test plan.</i> Before conducting a required performance test, the owner or operator of an affected source shall develop and, if requested by the Administrator, shall submit a site-specific test plan to the Administrator for approval. The test plan shall include a test program summary, the test schedule, data quality objectives, and both an internal and external quality assurance (QA) program. Data quality objectives are the pretest expectations of precision, accuracy, and completeness of data.</p> <p>(ii) The internal QA program shall include, at a minimum, the activities planned by routine operators and analysts to provide an assessment of test data precision; an example of internal QA is the sampling and analysis of replicate samples.</p> <p>(iii) The performance testing shall include a test method performance audit (PA) during the performance test. The PAs consist of blind audit</p>

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	<p>samples supplied by an accredited audit sample provider and analyzed during the performance test in order to provide a measure of test data bias. Gaseous audit samples are designed to audit the performance of the sampling system as well as the analytical system and must be collected by the sampling system during the compliance test just as the compliance samples are collected. If a liquid or solid audit sample is designed to audit the sampling system, it must also be collected by the sampling system during the compliance test. If multiple sampling systems or sampling trains are used during the compliance test for any of the test methods, the tester is only required to use one of the sampling systems per method to collect the audit sample. The audit sample must be analyzed by the same analyst using the same analytical reagents and analytical system and at the same time as the compliance samples. Retests are required when there is a failure to produce acceptable results for an audit sample. However, if the audit results do not affect the compliance or noncompliance status of the affected facility, the compliance authority may waive the reanalysis requirement, further audits, or retests and accept the results of the compliance test. Acceptance of the test results shall constitute a waiver of the reanalysis requirement, further audits, or retests. The compliance authority may also use the audit sample failure and the compliance test results as evidence to determine the compliance or noncompliance status of the affected facility. A blind audit sample is a sample whose value is known only to the sample provider and is not revealed to the tested facility until after they report the measured value of the audit sample. For pollutants that exist in the gas phase at ambient temperature, the audit sample shall consist of an appropriate concentration of the pollutant in air or nitrogen that can be introduced into the sampling system of the test method at or near the same entry point as a sample from the emission source. If no gas phase audit samples are available, an acceptable alternative is a sample of the pollutant in the same matrix that would be produced when the sample is recovered from the sampling system as required by the test method. For samples that exist only in a liquid or solid form at ambient temperature, the audit sample shall consist of an appropriate concentration of the pollutant in the same matrix that would be produced when the sample is recovered from the sampling system as required by the test method. An accredited audit sample provider (AASP) is an organization that has been accredited to prepare audit samples by an independent, third party accrediting body.</p> <p>(A) The source owner, operator, or representative of the tested facility shall obtain an audit sample, if commercially available, from an AASP for each test method used for regulatory compliance purposes. No audit</p>

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	<p>samples are required for the following test methods: Methods 3A and 3C of appendix A–3 of part 60 of this chapter; Methods 6C, 7E, 9, and 10 of appendix A–4 of part 60; Methods 18 and 19 of appendix A–6 of part 60; Methods 20, 22, and 25A of appendix A–7 of part 60; Methods 30A and 30B of appendix A–8 of part 60; and Methods 303, 318, 320, and 321 of appendix A of this part. If multiple sources at a single facility are tested during a compliance test event, only one audit sample is required for each method used during a compliance test. The compliance authority responsible for the compliance test may waive the requirement to include an audit sample if they believe that an audit sample is not necessary. “Commercially available” means that two or more independent AASPs have blind audit samples available for purchase. If the source owner, operator, or representative cannot find an audit sample for a specific method, the owner, operator, or representative shall consult the EPA Web site at the following URL, www.epa.gov/ttn/emc, to confirm whether there is a source that can supply an audit sample for that method. If the EPA Web site does not list an available audit sample at least 60 days prior to the beginning of the compliance test, the source owner, operator, or representative shall not be required to include an audit sample as part of the quality assurance program for the compliance test. When ordering an audit sample, the source owner, operator, or representative shall give the sample provider an estimate for the concentration of each pollutant that is emitted by the source or the estimated concentration of each pollutant based on the permitted level and the name, address, and phone number of the compliance authority. The source owner, operator, or representative shall report the results for the audit sample along with a summary of the emission test results for the audited pollutant to the compliance authority and shall report the results of the audit sample to the AASP. The source owner, operator, or representative shall make both reports at the same time and in the same manner or shall report to the compliance authority first and then report to the AASP. If the method being audited is a method that allows the samples to be analyzed in the field and the tester plans to analyze the samples in the field, the tester may analyze the audit samples prior to collecting the emission samples provided a representative of the compliance authority is present at the testing site. The tester may request, and the compliance authority may grant, a waiver to the requirement that a representative of the compliance authority must be present at the testing site during the field analysis of an audit sample. The source owner, operator, or representative may report the results of the audit sample to the compliance authority and then report the results of the audit sample to the AASP prior to collecting any emission samples. The test protocol and final test report</p>

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	<p>shall document whether an audit sample was ordered and utilized and the pass/fail results as applicable.</p> <p>(B) An AASP shall have and shall prepare, analyze, and report the true value of audit samples in accordance with a written technical criteria document that describes how audit samples will be prepared and distributed in a manner that will ensure the integrity of the audit sample program. An acceptable technical criteria document shall contain standard operating procedures for all of the following operations:</p> <p>(1) Preparing the sample;</p> <p>(2) Confirming the true concentration of the sample;</p> <p>(3) Defining the acceptance limits for the results from a well qualified tester. This procedure must use well established statistical methods to analyze historical results from well qualified testers. The acceptance limits shall be set so that there is 95 percent confidence that 90 percent of well qualified labs will produce future results that are within the acceptance limit range;</p> <p>(4) Providing the opportunity for the compliance authority to comment on the selected concentration level for an audit sample;</p> <p>(5) Distributing the sample to the user in a manner that guarantees that the true value of the sample is unknown to the user;</p> <p>(6) Recording the measured concentration reported by the user and determining if the measured value is within acceptable limits;</p> <p>(7) Reporting the results from each audit sample in a timely manner to the compliance authority and to the source owner, operator, or representative by the AASP. The AASP shall make both reports at the same time and in the same manner or shall report to the compliance authority first and then report to the source owner, operator, or representative. The results shall include the name of the facility tested, the date on which the compliance test was conducted, the name of the company performing the sample collection, the name of the company that analyzed the compliance samples including the audit sample, the measured result for the audit sample, and whether the testing company passed or failed the audit. The AASP shall report the true value of the audit sample to the compliance authority. The AASP may report the true value to the source owner,</p>

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	<p>operator, or representative if the AASP's operating plan ensures that no laboratory will receive the same audit sample twice.</p> <p>(8) Evaluating the acceptance limits of samples at least once every two years to determine in consultation with the voluntary consensus standard body if they should be changed.</p> <p>(9) Maintaining a database, accessible to the compliance authorities, of results from the audit that shall include the name of the facility tested, the date on which the compliance test was conducted, the name of the company performing the sample collection, the name of the company that analyzed the compliance samples including the audit sample, the measured result for the audit sample, the true value of the audit sample, the acceptance range for the measured value, and whether the testing company passed or failed the audit.</p> <p>(C) The accrediting body shall have a written technical criteria document that describes how it will ensure that the AASP is operating in accordance with the AASP technical criteria document that describes how audit samples are to be prepared and distributed. This document shall contain standard operating procedures for all of the following operations:</p> <p>(1) Checking audit samples to confirm their true value as reported by the AASP.</p> <p>(2) Performing technical systems audits of the AASP's facilities and operating procedures at least once every two years.</p> <p>(3) Providing standards for use by the voluntary consensus standard body to approve the accrediting body that will accredit the audit sample providers.</p> <p>(D) The technical criteria documents for the accredited sample providers and the accrediting body shall be developed through a public process guided by a voluntary consensus standards body (VCSB). The VCSB shall operate in accordance with the procedures and requirements in the Office of Management and Budget <i>Circular A-119</i>. A copy of Circular A-119 is available upon request by writing the Office of Information and Regulatory Affairs, Office of Management and Budget, 725 17th Street, NW., Washington, DC 20503, by calling (202) 395-6880 or downloading online at http://standards.gov/standards_gov/a119.cfm. The VCSB shall approve all accrediting bodies. The Administrator will review all technical criteria</p>

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	<p>documents. If the technical criteria documents do not meet the minimum technical requirements in paragraphs (c)(2)(iii)(B) through (C) of this section, the technical criteria documents are not acceptable and the proposed audit sample program is not capable of producing audit samples of sufficient quality to be used in a compliance test. All acceptable technical criteria documents shall be posted on the EPA Web site at the following URL, http://www.epa.gov/ttn/emc.</p> <p>(iv) The owner or operator of an affected source shall submit the site-specific test plan to the Administrator upon the Administrator's request at least 60 calendar days before the performance test is scheduled to take place, that is, simultaneously with the notification of intention to conduct a performance test required under paragraph (b) of this section, or on a mutually agreed upon date.</p> <p>(v) The Administrator may request additional relevant information after the submittal of a site-specific test plan.</p> <p>(3) Approval of site-specific test plan.</p> <p>(i) The Administrator will notify the owner or operator of approval or intention to deny approval of the site-specific test plan (if review of the site-specific test plan is requested) within 30 calendar days after receipt of the original plan and within 30 calendar days after receipt of any supplementary information that is submitted under paragraph (c)(3)(i)(B) of this section. Before disapproving any site-specific test plan, the Administrator will notify the applicant of the Administrator's intention to disapprove the plan together with—</p> <p>(A) Notice of the information and findings on which the intended disapproval is based; and</p> <p>(B) Notice of opportunity for the owner or operator to present, within 30 calendar days after he/she is notified of the intended disapproval, additional information to the Administrator before final action on the plan.</p> <p>(ii) In the event that the Administrator fails to approve or disapprove the site-specific test plan within the time period specified in paragraph (c)(3)(i) of this section, the following conditions shall apply:</p>

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	<p>(A) If the owner or operator intends to demonstrate compliance using the test method(s) specified in the relevant standard or with only minor changes to those tests methods (see paragraph (e)(2)(i) of this section), the owner or operator must conduct the performance test within the time specified in this section using the specified method(s);</p> <p>(B) If the owner or operator intends to demonstrate compliance by using an alternative to any test method specified in the relevant standard, the owner or operator is authorized to conduct the performance test using an alternative test method after the Administrator approves the use of the alternative method when the Administrator approves the site-specific test plan (if review of the site-specific test plan is requested) or after the alternative method is approved (see paragraph (f) of this section). However, the owner or operator is authorized to conduct the performance test using an alternative method in the absence of notification of approval 45 days after submission of the site-specific test plan or request to use an alternative method. The owner or operator is authorized to conduct the performance test within 60 calendar days after he/she is authorized to demonstrate compliance using an alternative test method. Notwithstanding the requirements in the preceding three sentences, the owner or operator may proceed to conduct the performance test as required in this section (without the Administrator's prior approval of the site-specific test plan) if he/she subsequently chooses to use the specified testing and monitoring methods instead of an alternative.</p> <p>(iii) Neither the submission of a site-specific test plan for approval, nor the Administrator's approval or disapproval of a plan, nor the Administrator's failure to approve or disapprove a plan in a timely manner shall—</p> <p>(A) Relieve an owner or operator of legal responsibility for compliance with any applicable provisions of this part or with any other applicable Federal, State, or local requirement; or</p> <p>(B) Prevent the Administrator from implementing or enforcing this part or taking any other action under the Act.</p>

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40 CFR 63.7(d) (Subpart A)	<p><i>Performance testing facilities.</i> If required to do performance testing, the owner or operator of each new source and, at the request of the Administrator, the owner or operator of each existing source, shall provide performance testing facilities as follows:</p> <ul style="list-style-type: none"> (1) Sampling ports adequate for test methods applicable to such source. This includes: <ul style="list-style-type: none"> (i) Constructing the air pollution control system such that volumetric flow rates and pollutant emission rates can be accurately determined by applicable test methods and procedures; and (ii) Providing a stack or duct free of cyclonic flow during performance tests, as demonstrated by applicable test methods and procedures; (2) Safe sampling platform(s); (3) Safe access to sampling platform(s); (4) Utilities for sampling and testing equipment; and (5) Any other facilities that the Administrator deems necessary for safe and adequate testing of a source.
40 CFR 63.7(e) (Subpart A)	<p><i>Conduct of performance tests.</i></p> <ul style="list-style-type: none"> (1) Performance tests shall be conducted under such conditions as the Administrator specifies to the owner or operator based on representative performance (i.e., performance based on normal operating conditions) of the affected source. Operations during periods of startup, shutdown, and malfunction shall not constitute representative conditions for the purpose of a performance test, nor shall emissions in excess of the level of the relevant standard during periods of startup, shutdown, and malfunction be considered a violation of the relevant standard unless otherwise specified in the relevant standard or a determination of noncompliance is made under § 63.6(e). Upon request, the owner or operator shall make available to the Administrator such records as may be necessary to determine the conditions of performance tests. (2) Performance tests shall be conducted and data shall be reduced in accordance with the test methods and procedures set forth in this section, in each relevant standard, and, if required, in applicable appendices of parts 51, 60, 61, and 63 of this chapter unless the Administrator— <ul style="list-style-type: none"> (i) Specifies or approves, in specific cases, the use of a test method with minor changes in methodology (see definition in § 63.90(a)). Such changes may be approved in conjunction with approval of the site-specific test plan (see paragraph (c) of this section); or (ii) Approves the use of an intermediate or major change or alternative to a test method (see definitions in § 63.90(a)), the results of which

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	<p>the Administrator has determined to be adequate for indicating whether a specific affected source is in compliance; or</p> <p>(iii) Approves shorter sampling times or smaller sample volumes when necessitated by process variables or other factors; or</p> <p>(iv) Waives the requirement for performance tests because the owner or operator of an affected source has demonstrated by other means to the Administrator's satisfaction that the affected source is in compliance with the relevant standard.</p> <p>(3) Unless otherwise specified in a relevant standard or test method, each performance test shall consist of three separate runs using the applicable test method. Each run shall be conducted for the time and under the conditions specified in the relevant standard. For the purpose of determining compliance with a relevant standard, the arithmetic mean of the results of the three runs shall apply. Upon receiving approval from the Administrator, results of a test run may be replaced with results of an additional test run in the event that—</p> <p>(i) A sample is accidentally lost after the testing team leaves the site; or</p> <p>(ii) Conditions occur in which one of the three runs must be discontinued because of forced shutdown; or</p> <p>(iii) Extreme meteorological conditions occur; or</p> <p>(iv) Other circumstances occur that are beyond the owner or operator's control.</p> <p>(4) Nothing in paragraphs (e)(1) through (e)(3) of this section shall be construed to abrogate the Administrator's authority to require testing under section 114 of the Act.</p>
40 CFR 63.7(f) (Subpart A)	<p><i>Use of an alternative test method —</i></p> <p>(1) <i>General.</i> Until authorized to use an intermediate or major change or alternative to a test method, the owner or operator of an affected source remains subject to the requirements of this section and the relevant standard.</p> <p>(2) The owner or operator of an affected source required to do performance testing by a relevant standard may use an alternative test method from that specified in the standard provided that the owner or operator—</p> <p>(i) Notifies the Administrator of his or her intention to use an alternative test method at least 60 days before the performance test is scheduled to begin;</p> <p>(ii) Uses Method 301 in appendix A of this part to validate the alternative test method. This may include the use of specific procedures of Method 301 if use of such procedures are sufficient to validate the alternative test method; and</p>

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	<p>(iii) Submits the results of the Method 301 validation process along with the notification of intention and the justification for not using the specified test method. The owner or operator may submit the information required in this paragraph well in advance of the deadline specified in paragraph (f)(2)(i) of this section to ensure a timely review by the Administrator in order to meet the performance test date specified in this section or the relevant standard.</p> <p>(3) The Administrator will determine whether the owner or operator's validation of the proposed alternative test method is adequate and issue an approval or disapproval of the alternative test method. If the owner or operator intends to demonstrate compliance by using an alternative to any test method specified in the relevant standard, the owner or operator is authorized to conduct the performance test using an alternative test method after the Administrator approves the use of the alternative method. However, the owner or operator is authorized to conduct the performance test using an alternative method in the absence of notification of approval/disapproval 45 days after submission of the request to use an alternative method and the request satisfies the requirements in paragraph (f)(2) of this section. The owner or operator is authorized to conduct the performance test within 60 calendar days after he/she is authorized to demonstrate compliance using an alternative test method. Notwithstanding the requirements in the preceding three sentences, the owner or operator may proceed to conduct the performance test as required in this section (without the Administrator's prior approval of the site-specific test plan) if he/she subsequently chooses to use the specified testing and monitoring methods instead of an alternative.</p> <p>(4) If the Administrator finds reasonable grounds to dispute the results obtained by an alternative test method for the purposes of demonstrating compliance with a relevant standard, the Administrator may require the use of a test method specified in a relevant standard.</p> <p>(5) If the owner or operator uses an alternative test method for an affected source during a required performance test, the owner or operator of such source shall continue to use the alternative test method for subsequent performance tests at that affected source until he or she receives approval from the Administrator to use another test method as allowed under § 63.7(f).</p> <p>(6) Neither the validation and approval process nor the failure to validate an alternative test method shall abrogate the owner or operator's responsibility to comply with the requirements of this part.</p>

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40 CFR 63.7(g) (Subpart A)	<p><i>Data analysis, recordkeeping, and reporting.</i></p> <p>(1) Unless otherwise specified in a relevant standard or test method, or as otherwise approved by the Administrator in writing, results of a performance test shall include the analysis of samples, determination of emissions, and raw data. A performance test is “completed” when field sample collection is terminated. The owner or operator of an affected source shall report the results of the performance test to the Administrator before the close of business on the 60th day following the completion of the performance test, unless specified otherwise in a relevant standard or as approved otherwise in writing by the Administrator (see § 63.9(i)). The results of the performance test shall be submitted as part of the notification of compliance status required under § 63.9(h). Before a title V permit has been issued to the owner or operator of an affected source, the owner or operator shall send the results of the performance test to the Administrator. After a title V permit has been issued to the owner or operator of an affected source, the owner or operator shall send the results of the performance test to the appropriate permitting authority.</p> <p>(2) Contents of a performance test, CMS performance evaluation, or CMS quality assurance test report (electronic or paper submitted copy). Unless otherwise specified in a relevant standard, test method, CMS performance specification, or quality assurance requirement for a CMS, or as otherwise approved by the Administrator in writing, the report shall include the elements identified in paragraphs (g)(2)(i) through (vi) of this section.</p> <p>(i) General identification information for the facility including a mailing address, the physical address, the owner or operator or responsible official (where applicable) and his/her email address, and the appropriate Federal Registry System (FRS) number for the facility.</p> <p>(ii) Purpose of the test including the applicable regulation requiring the test, the pollutant(s) and other parameters being measured, the applicable emission standard, and any process parameter component, and a brief process description.</p> <p>(iii) Description of the emission unit tested including fuel burned, control devices, and vent characteristics; the appropriate source classification code (SCC); the permitted maximum process rate (where applicable); and the sampling location.</p> <p>(iv) Description of sampling and analysis procedures used and any modifications to standard procedures, quality assurance procedures and results, record of process operating conditions that demonstrate the applicable test conditions are met, and values for any operating parameters for which limits were being set during the test.</p>

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	<p>(v) Where a test method, CEMS, PEMS, or COMS performance specification, or on-going quality assurance requirement for a CEMS, PEMS, or COMS requires you record or report, the following shall be included in your report: Record of preparation of standards, record of calibrations, raw data sheets for field sampling, raw data sheets for field and laboratory analyses, chain-of-custody documentation, and example calculations for reported results.</p> <p>(vi) Identification of the company conducting the performance test including the primary office address, telephone number, and the contact for this test including his/her email address.</p> <p>(3) For a minimum of 5 years after a performance test is conducted, the owner or operator shall retain and make available, upon request, for inspection by the Administrator the records or results of such performance test and other data needed to determine emissions from an affected source.</p>
<p>40 CFR 63.7(h) (Subpart A)</p>	<p><i>Waiver of performance tests.</i></p> <p>(1) Until a waiver of a performance testing requirement has been granted by the Administrator under this paragraph, the owner or operator of an affected source remains subject to the requirements of this section.</p> <p>(2) Individual performance tests may be waived upon written application to the Administrator if, in the Administrator's judgment, the source is meeting the relevant standard(s) on a continuous basis, or the source is being operated under an extension of compliance, or the owner or operator has requested an extension of compliance and the Administrator is still considering that request.</p> <p>(3) <i>Request to waive a performance test.</i></p> <p>(i) If a request is made for an extension of compliance under § 63.6(i), the application for a waiver of an initial performance test shall accompany the information required for the request for an extension of compliance. If no extension of compliance is requested or if the owner or operator has requested an extension of compliance and the Administrator is still considering that request, the application for a waiver of an initial performance test shall be submitted at least 60 days before the performance test if the site-specific test plan under paragraph (c) of this section is not submitted.</p> <p>(ii) If an application for a waiver of a subsequent performance test is made, the application may accompany any required compliance progress report, compliance status report, or excess emissions and continuous monitoring system performance report [such as those required under § 63.6(i), § 63.9(h), and § 63.10(e) or specified in a</p>

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	<p>relevant standard or in the source's title V permit], but it shall be submitted at least 60 days before the performance test if the site-specific test plan required under paragraph (c) of this section is not submitted.</p> <p>(iii) Any application for a waiver of a performance test shall include information justifying the owner or operator's request for a waiver, such as the technical or economic infeasibility, or the impracticality, of the affected source performing the required test.</p> <p>(4) <i>Approval of request to waive performance test.</i> The Administrator will approve or deny a request for a waiver of a performance test made under paragraph (h)(3) of this section when he/she—</p> <ul style="list-style-type: none"> (i) Approves or denies an extension of compliance under § 63.6(i)(8); or (ii) Approves or disapproves a site-specific test plan under § 63.7(c)(3); or (iii) Makes a determination of compliance following the submission of a required compliance status report or excess emissions and continuous monitoring systems performance report; or (iv) Makes a determination of suitable progress towards compliance following the submission of a compliance progress report, whichever is applicable. <p>(5) Approval of any waiver granted under this section shall not abrogate the Administrator's authority under the Act or in any way prohibit the Administrator from later canceling the waiver. The cancellation will be made only after notice is given to the owner or operator of the affected source.</p>
40 CFR 63.8(a)(1-2) (Subpart A)	<p>Applicability.</p> <p>(1) The applicability of this section is set out in § 63.1(a)(4).</p> <p>(2) For the purposes of this part, all CMS required under relevant standards shall be subject to the provisions of this section upon promulgation of performance specifications for CMS as specified in the relevant standard or otherwise by the Administrator.</p>

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40 CFR 63.8(b)(1) (Subpart A)	<p>Conduct of monitoring.</p> <p>(1) Monitoring shall be conducted as set forth in this section and the relevant standard(s) unless the Administrator—</p> <p>(i) Specifies or approves the use of minor changes in methodology for the specified monitoring requirements and procedures (see § 63.90(a) for definition); or</p> <p>(ii) Approves the use of an intermediate or major change or alternative to any monitoring requirements or procedures (see § 63.90(a) for definition).</p> <p>(iii) Owners or operators with flares subject to § 63.11(b) are not subject to the requirements of this section unless otherwise specified in the relevant standard.</p>
40 CFR 63.8(f)(1-5) (Subpart A)	<p><i>Use of an alternative monitoring method —</i></p> <p>(1) <i>General.</i> Until permission to use an alternative monitoring procedure (minor, intermediate, or major changes; see definition in § 63.90(a)) has been granted by the Administrator under this paragraph (f)(1), the owner or operator of an affected source remains subject to the requirements of this section and the relevant standard.</p> <p>(2) After receipt and consideration of written application, the Administrator may approve alternatives to any monitoring methods or procedures of this part including, but not limited to, the following:</p> <p>(i) Alternative monitoring requirements when installation of a CMS specified by a relevant standard would not provide accurate measurements due to liquid water or other interferences caused by substances within the effluent gases;</p> <p>(ii) Alternative monitoring requirements when the affected source is infrequently operated;</p> <p>(iii) Alternative monitoring requirements to accommodate CEMS that require additional measurements to correct for stack moisture conditions;</p> <p>(iv) Alternative locations for installing CMS when the owner or operator can demonstrate that installation at alternate locations will enable accurate and representative measurements;</p> <p>(v) Alternate methods for converting pollutant concentration measurements to units of the relevant standard;</p> <p>(vi) Alternate procedures for performing daily checks of zero (low-level) and high-level drift that do not involve use of high-level gases or test cells;</p>

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	<p>(vii) Alternatives to the American Society for Testing and Materials (ASTM) test methods or sampling procedures specified by any relevant standard;</p> <p>(viii) Alternative CMS that do not meet the design or performance requirements in this part, but adequately demonstrate a definite and consistent relationship between their measurements and the measurements of opacity by a system complying with the requirements as specified in the relevant standard. The Administrator may require that such demonstration be performed for each affected source; or</p> <p>(ix) Alternative monitoring requirements when the effluent from a single affected source or the combined effluent from two or more affected sources is released to the atmosphere through more than one point.</p> <p>(3) If the Administrator finds reasonable grounds to dispute the results obtained by an alternative monitoring method, requirement, or procedure, the Administrator may require the use of a method, requirement, or procedure specified in this section or in the relevant standard. If the results of the specified and alternative method, requirement, or procedure do not agree, the results obtained by the specified method, requirement, or procedure shall prevail.</p> <p>(4)</p> <p>(i) <i>Request to use alternative monitoring procedure.</i> An owner or operator who wishes to use an alternative monitoring procedure must submit an application to the Administrator as described in paragraph (f)(4)(ii) of this section. The application may be submitted at any time provided that the monitoring procedure is not the performance test method used to demonstrate compliance with a relevant standard or other requirement. If the alternative monitoring procedure will serve as the performance test method that is to be used to demonstrate compliance with a relevant standard, the application must be submitted at least 60 days before the performance evaluation is scheduled to begin and must meet the requirements for an alternative test method under § 63.7(f).</p> <p>(ii) The application must contain a description of the proposed alternative monitoring system which addresses the four elements contained in the definition of monitoring in § 63.2 and a performance evaluation test plan, if required, as specified in paragraph (e)(3) of this section. In addition, the application must include information justifying the owner or operator's request for an alternative monitoring method, such as the technical or economic infeasibility, or the impracticality, of the affected source using the required method.</p>

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	<p>(iii) The owner or operator may submit the information required in this paragraph well in advance of the submittal dates specified in paragraph (f)(4)(i) above to ensure a timely review by the Administrator in order to meet the compliance demonstration date specified in this section or the relevant standard.</p> <p>(iv) Application for minor changes to monitoring procedures, as specified in paragraph (b)(1) of this section, may be made in the site-specific performance evaluation plan.</p> <p>(5) <i>Approval of request to use alternative monitoring procedure.</i></p> <p>(i) The Administrator will notify the owner or operator of approval or intention to deny approval of the request to use an alternative monitoring method within 30 calendar days after receipt of the original request and within 30 calendar days after receipt of any supplementary information that is submitted. If a request for a minor change is made in conjunction with site-specific performance evaluation plan, then approval of the plan will constitute approval of the minor change. Before disapproving any request to use an alternative monitoring method, the Administrator will notify the applicant of the Administrator's intention to disapprove the request together with—</p> <p style="padding-left: 40px;">(A) Notice of the information and findings on which the intended disapproval is based; and</p> <p style="padding-left: 40px;">(B) Notice of opportunity for the owner or operator to present additional information to the Administrator before final action on the request. At the time the Administrator notifies the applicant of his or her intention to disapprove the request, the Administrator will specify how much time the owner or operator will have after being notified of the intended disapproval to submit the additional information.</p> <p>(ii) The Administrator may establish general procedures and criteria in a relevant standard to accomplish the requirements of paragraph (f)(5)(i) of this section.</p> <p>(iii) If the Administrator approves the use of an alternative monitoring method for an affected source under paragraph (f)(5)(i) of this section, the owner or operator of such source shall continue to use the alternative monitoring method until he or she receives approval from the Administrator to use another monitoring method as allowed by § 63.8(f).</p>

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40 CFR 63.8(g)(3-4) (Subpart A)	<p>(3) The data may be recorded in reduced or nonreduced form (e.g., ppm pollutant and percent O₂ or ng/J of pollutant).</p> <p>(4) All emission data shall be converted into units of the relevant standard for reporting purposes using the conversion procedures specified in that standard. After conversion into units of the relevant standard, the data may be rounded to the same number of significant digits as used in that standard to specify the emission limit (e.g., rounded to the nearest 1 percent opacity).</p>
40 CFR 63.9(a)(4)(ii) (Subpart A)	<p>Applicability and general information</p> <p>(ii) After a State has been delegated the authority to implement and enforce notification requirements established under this part, the owner or operator of an affected source in such State subject to such requirements shall submit notifications to the delegated State authority (which may be the same as the permitting authority). In addition, if the delegated (permitting) authority is the State, the owner or operator shall send a copy of each notification submitted to the State to the appropriate Regional Office of the EPA, as specified in paragraph (a)(4)(i) of this section. The Regional Office may waive this requirement for any notifications at its discretion.</p>

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40 CFR 63.9(b)(4-5) (Subpart A)	<p>(b) The owner or operator of a new or reconstructed major affected source for which an application for approval of construction or reconstruction is required under § 63.5(d) must provide the following information in writing to the Administrator:</p> <p>(i) A notification of intention to construct a new major-emitting affected source, reconstruct a major-emitting affected source, or reconstruct a major source such that the source becomes a major-emitting affected source with the application for approval of construction or reconstruction as specified in § 63.5(d)(1)(i); and</p> <p>(ii)–(iv) [Reserved]</p> <p>(v) A notification of the actual date of startup of the source, delivered or postmarked within 15 calendar days after that date.</p> <p>(5) The owner or operator of a new or reconstructed affected source for which an application for approval of construction or reconstruction is not required under § 63.5(d) must provide the following information in writing to the Administrator:</p> <p>(i) A notification of intention to construct a new affected source, reconstruct an affected source, or reconstruct a source such that the source becomes an affected source, and</p> <p>(ii) A notification of the actual date of startup of the source, delivered or postmarked within 15 calendar days after that date.</p> <p>(iii) Unless the owner or operator has requested and received prior permission from the Administrator to submit less than the information in § 63.5(d), the notification must include the information required on the application for approval of construction or reconstruction as specified in § 63.5(d)(1)(i).</p>
40 CFR 63.9(d) (Subpart A)	<p>(d) <i>Notification that source is subject to special compliance requirements.</i> An owner or operator of a new source that is subject to special compliance requirements as specified in § 63.6(b)(3) and § 63.6(b)(4) shall notify the Administrator of his/her compliance obligations not later than the notification dates established in paragraph (b) of this section for new sources that are not subject to the special provisions.</p>
40 CFR 63.9(e) (Subpart A)	<p>(e) <i>Notification of performance test.</i> The owner or operator of an affected source shall notify the Administrator in writing of his or her intention to conduct a performance test at least 60 calendar days before the performance test is scheduled to begin to allow the Administrator to review and approve the site-specific test plan required under § 63.7(c), if requested by the Administrator, and to have an observer present during the test.</p>

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40 CFR 63.9(h) (Subpart A)	<p><i>Notification of compliance status.</i></p> <p>(1) The requirements of paragraphs (h)(2) through (h)(4) of this section apply when an affected source becomes subject to a relevant standard.</p> <p>(2)</p> <p>(i) Before a title V permit has been issued to the owner or operator of an affected source, and each time a notification of compliance status is required under this part, the owner or operator of such source shall submit to the Administrator a notification of compliance status, signed by the responsible official who shall certify its accuracy, attesting to whether the source has complied with the relevant standard. The notification shall list—</p> <ul style="list-style-type: none"> (A) The methods that were used to determine compliance; (B) The results of any performance tests, opacity or visible emission observations, continuous monitoring system (CMS) performance evaluations, and/or other monitoring procedures or methods that were conducted; (C) The methods that will be used for determining continuing compliance, including a description of monitoring and reporting requirements and test methods; (D) The type and quantity of hazardous air pollutants emitted by the source (or surrogate pollutants if specified in the relevant standard), reported in units and averaging times and in accordance with the test methods specified in the relevant standard; (E) If the relevant standard applies to both major and area sources, an analysis demonstrating whether the affected source is a major source (using the emissions data generated for this notification); (F) A description of the air pollution control equipment (or method) for each emission point, including each control device (or method) for each hazardous air pollutant and the control efficiency (percent) for each control device (or method); and (G) A statement by the owner or operator of the affected existing, new, or reconstructed source as to whether the source has complied with the relevant standard or other requirements. <p>(ii) The notification must be sent before the close of business on the 60th day following the completion of the relevant compliance demonstration activity specified in the relevant standard (unless a different reporting period is specified in the standard, in which case the letter must be sent before the close of business on the day the report of the relevant testing or monitoring results is required to be delivered or postmarked). For example, the notification shall be sent before close of business on the 60th (or other required) day following completion of the initial performance test and again before the close</p>

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	<p>of business on the 60th (or other required) day following the completion of any subsequent required performance test. If no performance test is required but opacity or visible emission observations are required to demonstrate compliance with an opacity or visible emission standard under this part, the notification of compliance status shall be sent before close of business on the 30th day following the completion of opacity or visible emission observations. Notifications may be combined as long as the due date requirement for each notification is met.</p> <p>(3) After a title V permit has been issued to the owner or operator of an affected source, the owner or operator of such source shall comply with all requirements for compliance status reports contained in the source's title V permit, including reports required under this part. After a title V permit has been issued to the owner or operator of an affected source, and each time a notification of compliance status is required under this part, the owner or operator of such source shall submit the notification of compliance status to the appropriate permitting authority following completion of the relevant compliance demonstration activity specified in the relevant standard.</p> <p>(4) [Reserved]</p> <p>(5) If an owner or operator of an affected source submits estimates or preliminary information in the application for approval of construction or reconstruction required in § 63.5(d) in place of the actual emissions data or control efficiencies required in paragraphs (d)(1)(ii)(H) and (d)(2) of § 63.5, the owner or operator shall submit the actual emissions data and other correct information as soon as available but no later than with the initial notification of compliance status required in this section.</p> <p>(6) Advice on a notification of compliance status may be obtained from the Administrator.</p>

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<p>40 CFR 63.9(i) (Subpart A)</p>	<p><i>Adjustment to time periods or postmark deadlines for submittal and review of required communications.</i></p> <p>(1)</p> <p>(i) Until an adjustment of a time period or postmark deadline has been approved by the Administrator under paragraphs (i)(2) and (i)(3) of this section, the owner or operator of an affected source remains strictly subject to the requirements of this part.</p> <p>(ii) An owner or operator shall request the adjustment provided for in paragraphs (i)(2) and (i)(3) of this section each time he or she wishes to change an applicable time period or postmark deadline specified in this part.</p> <p>(2) Notwithstanding time periods or postmark deadlines specified in this part for the submittal of information to the Administrator by an owner or operator, or the review of such information by the Administrator, such time periods or deadlines may be changed by mutual agreement between the owner or operator and the Administrator. An owner or operator who wishes to request a change in a time period or postmark deadline for a particular requirement shall request the adjustment in writing as soon as practicable before the subject activity is required to take place. The owner or operator shall include in the request whatever information he or she considers useful to convince the Administrator that an adjustment is warranted.</p> <p>(3) If, in the Administrator's judgment, an owner or operator's request for an adjustment to a particular time period or postmark deadline is warranted, the Administrator will approve the adjustment. The Administrator will notify the owner or operator in writing of approval or disapproval of the request for an adjustment within 15 calendar days of receiving sufficient information to evaluate the request.</p> <p>(4) If the Administrator is unable to meet a specified deadline, he or she will notify the owner or operator of any significant delay and inform the owner or operator of the amended schedule.</p>

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40 CFR 63.9(j) (Subpart A)	<p><i>Change in information already provided.</i> Any change in the information already provided under this section shall be provided to the Administrator within 15 calendar days after the change. The owner or operator of a major source that reclassifies to area source status is also subject to the notification requirements of this paragraph. The owner or operator may use the application for reclassification with the regulatory authority (<i>e.g.</i>, permit application) to fulfill the requirements of this paragraph. A source which reclassified after January 25, 2018, and before January 19, 2021, and has not yet provided the notification of a change in information is required to provide such notification no later than February 2, 2021, according to the requirements of paragraph (k) of this section. Beginning January 19, 2021, the owner or operator of a major source that reclassifies to area source status must submit the notification according to the requirements of paragraph (k) of this section. A notification of reclassification must contain the following information:</p> <ol style="list-style-type: none"> (1) The name and address of the owner or operator; (2) The address (<i>i.e.</i>, physical location) of the affected source; (3) An identification of the standard being reclassified from and to (if applicable); and (4) Date of effectiveness of the reclassification.
40 CFR 63.10(a)(5) (Subpart A)	<p>If an owner or operator of an affected source in a State with delegated authority is required to submit periodic reports under this part to the State, and if the State has an established timeline for the submission of periodic reports that is consistent with the reporting frequency(ies) specified for such source under this part, the owner or operator may change the dates by which periodic reports under this part shall be submitted (without changing the frequency of reporting) to be consistent with the State's schedule by mutual agreement between the owner or operator and the State. For each relevant standard established pursuant to section 112 of the Act, the allowance in the previous sentence applies in each State beginning 1 year after the affected source's compliance date for that standard. Procedures governing the implementation of this provision are specified in § 63.9(i).</p>

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40 CFR 63.10(b)(1) (Subpart A)	<p>General recordkeeping requirements.</p> <p>(1) The owner or operator of an affected source subject to the provisions of this part shall maintain files of all information (including all reports and notifications) required by this part recorded in a form suitable and readily available for expeditious inspection and review. The files shall be retained for at least 5 years following the date of each occurrence, measurement, maintenance, corrective action, report, or record. At a minimum, the most recent 2 years of data shall be retained on site. The remaining 3 years of data may be retained off site. Such files may be maintained on microfilm, on a computer, on computer floppy disks, on magnetic tape disks, or on microfiche.</p>
40 CFR 63.10(b) (2)(i), (iii), (vii)(C), (viii)–(xiv) (Subpart A)	<p>(2) The owner or operator of an affected source subject to the provisions of this part shall maintain relevant records for such source of—</p> <p>(i) The occurrence and duration of each startup or shutdown when the startup or shutdown causes the source to exceed any applicable emission limitation in the relevant emission standards;</p> <p>(iii) All required maintenance performed on the air pollution control and monitoring equipment;</p> <p>(vi) All required measurements needed to demonstrate compliance with a relevant standard (including, but not limited to, 15-minute averages of CMS data, raw performance testing measurements, and raw performance evaluation measurements, that support data that the source is required to report);</p> <p>(C) The Administrator or delegated authority, upon notification to the source, may require the owner or operator to maintain all measurements as required by paragraph (b)(2)(vii), if the administrator or the delegated authority determines these records are required to more accurately assess the compliance status of the affected source.</p> <p>(viii) All results of performance tests, CMS performance evaluations, and opacity and visible emission observations;</p> <p>(ix) All measurements as may be necessary to determine the conditions of performance tests and performance evaluations;</p> <p>(xii) Any information demonstrating whether a source is meeting the requirements for a waiver of recordkeeping or reporting requirements under this part, if the source has been granted a waiver under paragraph (f) of this section;</p> <p>(xiii) All emission levels relative to the criterion for obtaining permission to use an alternative to the relative accuracy test, if the source has been granted such permission under § 63.8(f)(6); and</p> <p>(xiv) All documentation supporting initial notifications and notifications of compliance status under § 63.9.</p>

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40 CFR 63.10(b)(3) (Subpart A)	<p>If an owner or operator determines that his or her existing or new stationary source is in the source category regulated by a standard established pursuant to section 112 of the Act, but that source is not subject to the relevant standard (or other requirement established under this part) because of enforceable limitations on the source's potential to emit, or the source otherwise qualifies for an exclusion, the owner or operator must keep a record of the applicability determination. The applicability determination must be kept on site at the source for a period of 5 years after the determination, or until the source changes its operations to become an affected source subject to the relevant standard (or other requirement established under this part), whichever comes first if the determination is made prior to January 19, 2021. The applicability determination must be kept until the source changes its operations to become an affected source subject to the relevant standard (or other requirement established under this part) if the determination was made on or after January 19, 2021. The record of the applicability determination must be signed by the person making the determination and include an emissions analysis (or other information) that demonstrates the owner or operator's conclusion that the source is unaffected (e.g., because the source is an area source). The analysis (or other information) must be sufficiently detailed to allow the Administrator to make an applicability finding for the source with regard to the relevant standard or other requirement. If applicable, the analysis must be performed in accordance with requirements established in relevant subparts of this part for this purpose for particular categories of stationary sources. If relevant, the analysis should be performed in accordance with EPA guidance materials published to assist sources in making applicability determinations under section 112 of the Act, if any. The requirements to determine applicability of a standard under § 63.1(b)(3) and to record the results of that determination under this paragraph (b)(3) of this section shall not by themselves create an obligation for the owner or operator to obtain a title V permit.</p>

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<p>40 CFR 63.10(d)(1-2) (Subpart A)</p>	<p>General reporting requirements.</p> <p>(1) Notwithstanding the requirements in this paragraph or paragraph (e) of this section, and except as provided in § 63.16, the owner or operator of an affected source subject to reporting requirements under this part shall submit reports to the Administrator in accordance with the reporting requirements in the relevant standard(s).</p> <p>(2) Reporting results of performance tests. Before a title V permit has been issued to the owner or operator of an affected source, the owner or operator shall report the results of any performance test under § 63.7 to the Administrator. After a title V permit has been issued to the owner or operator of an affected source, the owner or operator shall report the results of a required performance test to the appropriate permitting authority. The owner or operator of an affected source shall report the results of the performance test to the Administrator (or the State with an approved permit program) before the close of business on the 60th day following the completion of the performance test, unless specified otherwise in a relevant standard or as approved otherwise in writing by the Administrator. The results of the performance test shall be submitted as part of the notification of compliance status required under § 63.9(h).</p>

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Form F: Off-Permit/502(b)(10) Changes

Please complete this form if required by your answers to Form D. For each off-permit change per WAC 173-401-724 and each Section 502(b)(10) change per WAC 173-401-722(2) that occurred during the current permit term, state what type of change it was, the date a notification was submitted to PSCAA, a short description of the change, and whether or not the change needs to be incorporated into the renewal permit.

Type of Change	Date notification submitted	Describe change	Integrate changes into the permit?	Explain
<input type="checkbox"/> Off-Permit <input type="checkbox"/> 502(b)(10)		(Form F not required per Form D)	<input type="checkbox"/> Yes <input type="checkbox"/> No	
<input type="checkbox"/> Off-Permit <input type="checkbox"/> 502(b)(10)			<input type="checkbox"/> Yes <input type="checkbox"/> No	
<input type="checkbox"/> Off-Permit <input type="checkbox"/> 502(b)(10)			<input type="checkbox"/> Yes <input type="checkbox"/> No	
<input type="checkbox"/> Off-Permit <input type="checkbox"/> 502(b)(10)			<input type="checkbox"/> Yes <input type="checkbox"/> No	
<input type="checkbox"/> Off-Permit <input type="checkbox"/> 502(b)(10)			<input type="checkbox"/> Yes <input type="checkbox"/> No	
<input type="checkbox"/> Off-Permit <input type="checkbox"/> 502(b)(10)			<input type="checkbox"/> Yes <input type="checkbox"/> No	
<input type="checkbox"/> Off-Permit <input type="checkbox"/> 502(b)(10)			<input type="checkbox"/> Yes <input type="checkbox"/> No	

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Form G: NOC Not Required

Please complete this form if required by your answers to Form D. For each unit that was constructed or modified without a Notice of Construction, state the date the unit was constructed or modified, a description of the new unit or modification (including size, capacity, etc.), the citation for exemption from new source review per Regulation I, Section 6.03, whether or not the unit is a significant or insignificant emission unit, and any new applicable requirements that apply.

Date Constructed or Modified	Description of New Unit or Modification (including size, capacity, etc)	Citation for exemption per Agency Reg. 1, Section 6.03	Unit was identified in Form B of this application as a:	New Applicable Requirements
	(Form G not required per Form D)		<input type="checkbox"/> Significant EU <input type="checkbox"/> Insignificant EU	
			<input type="checkbox"/> Significant EU <input type="checkbox"/> Insignificant EU	
			<input type="checkbox"/> Significant EU <input type="checkbox"/> Insignificant EU	
			<input type="checkbox"/> Significant EU <input type="checkbox"/> Insignificant EU	
			<input type="checkbox"/> Significant EU <input type="checkbox"/> Insignificant EU	
			<input type="checkbox"/> Significant EU <input type="checkbox"/> Insignificant EU	

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Form H: New Requirements

Please complete this form if required by your answers to Form D. For each new requirement that might apply to your facility, list the requirement, the emission unit it might apply to, and the applicability determination.

New Requirement	Emission Unit	Applies?	Reason	For inapplicable requirements, request permit shield?	Monitoring?
PSCAAR Section 7.09(a)	EU-1, EU-2	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Emissions reporting applies operating permit sources.	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Not applicable.
PSCAAR Section 7.09(b)	EU-1, EU-2	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Operation and maintenance plan requirements apply to air contaminant sources subject to PSCAAR Article 7.	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Not applicable.
PSCAAR Section 9.03	EU-1, EU-2, Facility	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Visual standard applies to the source.	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Quarterly facility inspections for visible emissions. Ecology method 9A, as applicable.
PSCAAR Section 9.09	EU-1, EU-2	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	PM Emission standard for equipment used in a manufacturing process is 0.05 gr/dscf.	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Proper operation and maintenance of the dry filter system under NOC No. 12155.
PSCAAR Section 9.13	Facility	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Concealment and masking restriction is applicable to all sources.	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Not applicable.
PSCAAR Section 9.15	Facility	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Fugitive dust control measures apply to all sources	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Facility-wide inspections and complaint response.

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New Requirement	Emission Unit	Applies?	Reason	For inapplicable requirements, request permit shield?	Monitoring?
PSCAAR Regulation II, Section 3.08	EU-1, EU-2, Facility	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Section applies to manufacturing operations involving the use of polyester, vinylester, gelcoat, or resin in which the styrene monomer is a reactive monomer for the resin.	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Inspections and records as required in NOC No. 12155.
WAC 173-400-040 (1)	EU-1, EU-2, Facility	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Opacity limit applies to emissions sources.	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Quarterly facility inspections for visible emissions. Ecology Method 9A, as applicable.
WAC 173-400-060	EU-1, EU-2, Facility	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	PM Emission standard for general process units is 0.10 gr/dscf.	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Proper operation and maintenance of the dry filter system under NOC No. 12155.
WAC 173-400-040 (6)	Facility	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Emissions detrimental to persons or property is applicable to any source.	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Facility-wide inspections and complaint response.
PSCAAR Section 9.13	Facility	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Detriment to person or property is applicable to any source.	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Facility-wide inspections and complaint response.
WAC 173-400-040 (3)	Facility	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Fallout is applicable to any source.	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Facility-wide inspections and complaint response.
WAC 173-400-040 (5)	Facility	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Odors is applicable to any source.	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Facility-wide inspections and complaint response.

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New Requirement	Emission Unit	Applies?	Reason	For inapplicable requirements, request permit shield?	Monitoring?
PSCAAR Section 9.20	EU-1, EU-2, Facility	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Specific equipment is identified in NOC No. 12155 for applicable methods and control technology. Maintenance of equipment requirement applies to the equipment identified in NOC No. 12155.	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Monitoring, maintenance, and recordkeeping procedures.
WAC 173-401-620 (2)(a-h)	Facility	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Standard provisions apply to operating sources.	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Not applicable.
WAC 173-401-630 (5)	Facility	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Compliance certification is required for operating sources.	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Not applicable.
WAC 173-400-040 (1)(b)	EU-1, EU-2	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Emissions from activities within Buildings 2 and 3 discharge out a common stack comprising of EU-1 and EU-2 respectively.	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Emissions monitoring as required in NOC No. 12155.
RCW 70A.15.1070	Facility	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	No source shall cause air pollution or permit it to be caused in violation of regulations or requirements.	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Not applicable.
WAC 173-401-615 (1)(b)	Facility	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Periodic monitoring and recordkeeping provisions is required where applicable requirements do not require periodic testing or monitoring.	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Not applicable.
WAC 173-401-615 (3)(b)	Facility	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Deviation reporting is required for operating sources.	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Not applicable.

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New Requirement	Emission Unit	Applies?	Reason	For inapplicable requirements, request permit shield?	Monitoring?
WAC 173-401-530 (2)(a)	Facility	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	No emission unit or activity subject to a federally enforceable applicable requirement shall qualify as an insignificant emissions unit or activity.	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Not applicable.
PSCAAR Section 7.05	Facility	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Facility cannot cause or allow the operation of any operating source without complying with provisions of WAC 173-401 and any permit issued under its authority.	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Not applicable.

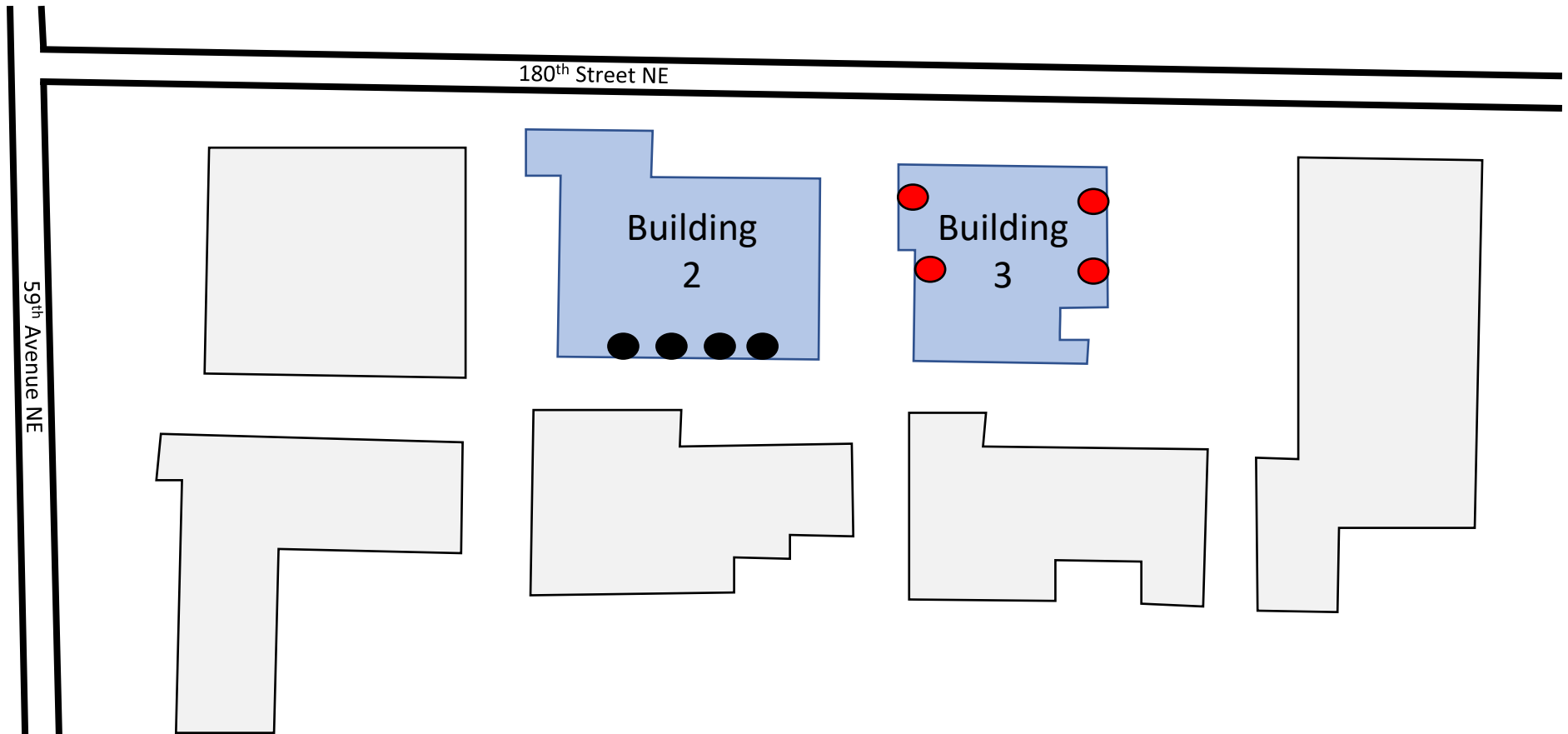
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Form I: Requested Changes

For each condition for which you would like to request a change to your current permit, please list the permit condition, requested change, and the reason for the change in the table below.

Condition #	Requested Change	Reason
	(Initial application, so no changes.)	

Fluid Motion Arlington Site Map







-  Fluid Motion Facility Buildings
-  Adjacent Buildings
-  EU-1 Stacks
-  EU-2 Stacks

Figure 1 FML Flow
Diagram

