

## Boat Building and Repair Production Activities Self-Assessment Compliance Tool to Determine Air Emission License/Regulation Applicability

In order to assist Maine boat building and repair businesses involved in coating, composite and painting production activities with regulatory compliance concerning air emissions, the Department has developed this compliance assessment tool. Many businesses have expressed interest in “technical assistance” with step-by-step guidance of recordkeeping and chemical inventory for determining air emissions. This guidance document discusses the most common situations in which boat building and repair facilities engaged in coating, composite and painting production activities may be regulated by state or federal laws concerning air emissions.

The following compliance tool is designed for your business:

- To manage and document your production;
- To track chemical usage in order to calculate air emissions;
- To determine if an air emission license is needed for the air emission identified herein; and
- To determine if the state or federal air emission regulations identified herein are applicable.

This tool can also be used to help answer questions that a federal (EPA) or state inspector (Maine DEP) may ask in order to better understand your operational practices. This tool can be used to assist a facility in determining what federal and state regulations may apply (Refer to Appendix Potentially Applicable Air Regulation Summaries).

Part 1A/1B describes and documents your production and land use. Part 2 is a spreadsheet detailing your chemical usage and associated Volatile Organic Compounds (VOCs) and Hazardous Air Pollutants (HAPs) emissions. Part 2 is designed to be filled in electronically and can be found along with step by step instructions at the following website: [www.maine.gov/dep/air/permits/compliance-tool.html](http://www.maine.gov/dep/air/permits/compliance-tool.html) Please complete Parts 1 & 2 and keep copies on file which can be easily accessed. Should you have any questions while completing the forms please contact (207) 287-2437 and request to speak with air licensing staff or contact the Office of Assistance at 1-800-789-9802 or (207) 287-7881.



**Part 1A: Description of Production Activities**

Our facility is physically and operationally designed to build/repair a maximum of \_\_\_\_ boats per year. We traditionally build/repair a maximum of \_\_\_\_ boats per year. We currently retain \_\_\_\_ employees and do not at this time expect to exceed \_\_\_\_ employees. Currently we annually purchase a maximum of \_\_\_\_ gallons of paint, a maximum of \_\_\_\_ gallons of gel coats and resins and a maximum of \_\_\_\_ gallons of thinners/cleaners. Our total VOCs annually have never exceeded \_\_\_\_ pounds/year. Our total HAPS emissions have never exceeded \_\_\_\_ pounds per year.\*

**Part 1B: Description of Property Land Use and Transportation**

We utilize building \_\_\_\_ solely for manufacturing \_\_\_\_ boats per year. We utilize building \_\_\_\_ solely for repairing \_\_\_\_ boats per year. Parking lot \_\_\_\_ is for company employees and visitors to the company and is not used to manufacture or repair boats. The (equipment name) is used to move boats out of manufacturing and repair. We utilize the waterfront ramp to launch a maximum of \_\_\_\_ boats per year and we accept a maximum of \_\_\_\_ boats for repair through the waterfront ramp. We utilize trailer road transportation for deliveries of finished boats or ones coming in for repair. The maximum number of boats shipped per year for manufacturing is \_\_\_\_ boats. Currently the maximum number of boats shipped for repair is \_\_\_\_\_. We do/do not utilize rail for shipment or delivery and ship \_\_\_\_ boats/year via rail.\*

\* **Note:** Please also be aware what you document in Part 1A/1B and Part 2 should match how you advertise your business via web etc. as a compliance inspector may utilize marketing information in determining your potential production/chemical usage and licensing thresholds.

An initial assessment may no longer be accurate if production changes are made subsequent to conducting the initial assessment. A new assessment should be conducted when production changes are made to determine whether an air emission license should be applied for or whether modification of an existing license is necessary.

**NOTE: THIS DOCUMENT PROVIDES GENERAL GUIDELINES ONLY. THESE GUIDELINES ARE NOT RULES AND ARE NOT INTENDED TO HAVE THE FORCE OF LAW. THIS GUIDANCE DOES NOT CREATE OR AFFECT ANY LEGAL RIGHTS OF ANY INDIVIDUAL, ALL OF WHICH ARE DETERMINED BY APPLICABLE STATUTES, RULES, AND REGULATIONS. COMPLIANCE WITH APPLICABLE LAWS AND REGULATIONS IS THE RESPONSIBILITY OF INDIVIDUAL REGULATED PARTIES. A PARTY'S UTILIZATION OF THIS GUIDANCE DOES NOT PROVIDE A SHEILD AGAINST COMPLIANCE OR ENFORCEMENT ACTIVITES BY THE DEPARTMENT OR OTHER GOVERNMENTAL AGENCIES.**

## Appendix: Potentially Applicable Air Regulation Summaries

Maine's air emission licensing requirements are found in the Department's *Major and Minor Source Air Emission License Regulations*, 06-096 CMR 115 ("Chapter 115"). An air emission license may be required for facilities that are considered "minor sources" and is required for facilities that are considered "major sources". In addition to obtaining an air emissions license under Chapter 115, "major sources" must also obtain an operating permit under the Department's *Part 70 Air Emission License Regulations*, 06-096 CMR 140 ("Chapter 140"). Limits under the following minor and major Source sections are not the only times a permit may be needed, but are the most common with respect to entities engaged in coating, composite, and painting production activities.

### **Maine's Air Emission Licensing Requirements:**

Maine's air emission license requirements for process sources can be broken down into three categories: (1) no license required (exempt from minor source licensing requirements); (2) "minor source" license required, and (3) "major source" license required. An air emission license is typically not required for process sources whose emissions without consideration of air pollution control apparatus and under normal operation are less than 100 lbs./day or 10 lbs./hr. of any regulated pollutant. *Major And Minor Source Air Emission License Regulations*, 06-096 CMR 115(1)(C)(2)(d). All sources exceeding this threshold require either a minor source or a major source license.

**Maine DEP Chapter 115 Minor Source:** Minor sources require a minor source air emission license. Minor sources include facilities with the potential to emit less than the following as defined in the Department's *Definitions Regulation*, 06-096 CMR 100(114):

- 50 tons per year VOC
- 10 tons per year of single Hazardous Air Pollutant
- 25 tons per year of all Hazardous Air Pollutants combined
- 100 tons per year of any other regulated pollutant

**Maine DEP Chapter 140 Major Source:** Major course of air emissions require a major source air emission license. Major sources include facilities whose potential to emit exceeds one or more of the following:

- 50 tons per year VOC
- 10 tons per year of a single Hazardous Air Pollutant
- 25 tons per year of all Hazardous Air Pollutants combined
- 100 tons per year of any other regulated pollutant

**Federal requirements that may apply to your facility:** In addition to Maine's air emission requirements, your facility may be subject to one or more of the following federal requirements concerning air emissions.

**40 CFR Part 63 Subpart HHHHHH: Paint Stripping and Miscellaneous Surface Coating Operations at Area Sources.** This regulation applies to area sources (minor sources) engaged in paint stripping, surface coating of motor vehicles and mobile equipment, and miscellaneous surface coating operations. <http://www.epa.gov/ttn/atw/6h/6hpg.html>

**40 CFR Part 63 Subpart MMMM: NESHAP for Miscellaneous Metal Parts and Products Surface Coating.** This coating regulation for miscellaneous metal parts is not applicable if the source is major and subject to Subpart VVVV. <http://www.epa.gov/ttn/atw/misc/miscpg.html>

**40 CFR Part 63 Subpart II: National Emission Standards for Shipbuilding and Ship Repair (Surface Coating).** The provisions of this subpart apply to shipbuilding and ship repair operations at any facility that is a major source. <http://www.epa.gov/ttn/atw/shipb/shipbpg.html>

**40 CFR Part 63 Subpart VVVV: National Emission Standards for Hazardous Air Pollutants for Boat Manufacturing.** This regulation limits Hazardous Air Pollutants for Boat Manufacturing [Open Molding Resin and Gel Coat Operations using the Compliant Materials Option] <http://www.epa.gov/ttn/atw/boat/boatpg.html>