

How to tell if you are affected by the Plastics Composites NESHAP, or MACT, Title 40 Code of Federal Regulations (CFR) Part 63 Subpart WWWW

Is your facility located at a major source of hazardous air pollutant (HAP) emissions? [§63.5785(a)]
*HAP—Hazardous Air Pollutant—one of a list of 188 toxic air pollutants.
A company is a major source of HAPs if it has a potential to emit (considering controls) 10 tons per year or more of **any single HAP** or 25 tons per year or more of **any combination** of HAPs.
Major sources are required to have Title V permits.*

No

You are not subject to 40 CFR 63 Subpart WWWW.

Yes

Do you have operations in which **reinforced and/or non-reinforced** plastic composites or plastic molding compounds are manufactured using thermoset resins and/or gel coats that contain styrene to produce plastic composites? [§63.5785(a)]
Subpart WWWW affects the parts of a plant engaged in mixing, cleaning of equipment used in reinforced plastic composites manufacture, HAP-containing materials storage, repair operations on parts manufactured at the plant, open molding, closed molding, centrifugal casting, continuous lamination, polymer casting, pultrusion, sheet molding compound (SMC) manufacturing, and bulk molding compound (BMC) manufacturing.

No

You are not subject to 40 CFR 63 Subpart WWWW.

Yes

Do you use these resins and gel coats to manufacture products or intermediate compounds that are later used to make **final** plastic products? [§63.5785(b)]

No

If you only **repair** reinforced plastics composites, you are not subject to 40 CFR 63 Subpart WWWW.

Repair includes the non-routine manufacture of individual components or parts intended to repair a larger item.

Repair means the application of resin or gel coat to a part to correct a defect where the resin or gel coat application occurs after the part has gone through all the steps of its typical production process, or the application occurs outside the normal production area. For purposes of Subpart WWWW, rerouting a part back through the normal production line, or part of the normal production line, is not considered repair. [§63.5935]

Yes

Continue on next page.

Do you use these resins and gel coats for any operations other than research and development? [§63.5785(c)]

Research or laboratory facility means any stationary source whose primary purpose is to conduct research and development into new processes and products, where such source is operated under the close supervision of technically trained personnel, and the facility is not engaged in the manufacture of products for commercial sale in commerce, except in a de minimis manner.
[Section 112(c)(7) of the Clean Air Act]

No

If you only do research and development, you are not subject to 40 CFR 63 Subpart WWWW.

Yes

Does your facility use 1.2 ton/year or more of these resins and gel coats combined? [§63.5785(d)]

No

You are not subject to 40 CFR 63 Subpart WWWW.

Yes

Do you use any of these resins and/or gel coats to manufacture boat hulls and/or decks or molds for boat hulls and/or decks? [§63.5787(b) and §63.5683 (b)]

Yes

You are subject to the Boat Manufacturing NESHAP (40 CFR Part 63 Subpart VVVV) for operations associated with boat manufacture products/components. You may also be subject to 40 CFR 63 Subpart WWWW for any operations associated with non-boat manufacturing products and components.

No

You **may choose** to have the operations associated with non-boat manufacturing products and components covered by 40 CFR Part 63 Subpart VVV, instead of Subpart WWWW, **if you can demonstrate** that this will not result in any organic HAP emissions increase compared to complying with Subpart WWWW.
[§63.5787(d)]

You are subject to 40 CFR 63 Subpart WWWW.

Subpart VVVV is posted at www.epa.gov/ttn/atw/mactfnl.html.

This guidance is based on the final version of the rule as published in the Federal Register (FR) April 21, 2003 (68 FR 19375). If you are unclear on whether your facility is subject to the rule, read the rule and then contact your State agency or EPA Regional Office.