

**Texas Commission on Environmental Quality
Air Permits Division**

New Source Review (NSR) Boilerplate Special Conditions

This information is maintained by the Combustion/Coatings NSR Section and is subject to change. Last update was made **October 2006**. These special conditions represent current NSR boilerplate guidelines and are provided for informational purposes only. The special conditions for any permit or amendment are subject to change through TCEQ case by case evaluation procedures [30 TAC 116.111(a)]. Please contact the appropriate Combustion/Coatings NSR Section management if there are questions related to the boilerplate guidelines.

Fiberglass Reinforced Plastic or Cultured Marble

GENERAL

1. This permit authorizes fiberglass reinforced plastic or cultured marble manufacturing facilities at physical address in name of city, name of county County.
2. Emission points and sources of emissions shall be physically identified and marked in a conspicuous location with the Facility Identification Number as submitted to the Emissions Inventory Section of the Texas Commission on Environmental Quality (TCEQ) and emission point number (EPN) as listed on the attached Maximum Allowable Emission Rates Table (MAERT).

EMISSION LIMITS

3. Except for those periods described in 30 Texas Administrative Code (30 TAC) §§ 101.201 and 211, opacity of particulate matter emissions shall not exceed five percent. This determination shall be made first by observing for visible emissions. Observations shall be made at least 15 feet and no more than 0.25 mile from the emission point (stack for exhausted emissions and nearest property line for fugitive emissions). If visible emissions are observed from the stacks or crossing the nearest property lines, then opacity shall be determined by Title 40 Code of Federal Regulations Part 60 (40 CFR Part 60), Appendix A, Test Method 9 for stack emissions and Test Method 22 for fugitive emissions. Contributions from uncombined water shall not be included in determining compliance with this condition. Observations shall be performed and recorded quarterly.
4. National Emission Standards for Reinforced Plastic Composites Manufacturing (40 CFR Part 63, Subpart WWWW) apply to the facilities.
5. National Emission Standards for Boat Manufacturing (40 CFR Part 63, Subpart VVVV) apply to the facilities.
6. Hazardous air pollutant (HAP) emissions shall not exceed 10 TPY for a single HAP and 25

TPY for all HAPs.

RECORD KEEPING

7. General Condition No. 7 regarding information and data to be maintained on file is supplemented as follows and shall be used to demonstrate compliance with Special Condition No(s). * , * , and * and the MAERT:
 - A. Environmental Data Sheets or Material Safety Data Sheets for materials in use.
 - B. Actual daily hours of (specify) operations, daily usage of (specify) in pounds.
 - C. A monthly record of the air contaminant emissions from Emission Points (specify) in lb/hr as a daily average and in tons per year (TPY) for the rolling 12 previous months.
 - D. A monthly record of individual and total HAP emissions in TPY for the rolling 12 previous months.
 - E. Field records of quarterly opacity observations as prescribed in 40 CFR 60, Appendix A, Test Method (9 and/or 22, as applicable).
 - F. Records documenting the use of controlled spray program for the rolling 12 previous months.

The records required by this permit may be maintained in hard copy or electronic format.

*As applicable; there may be any number of added records required in order to verify compliance with requirements of various industry specific special conditions.

OPERATIONAL LIMITATIONS

8. This permit prohibits the use of Permit-by-Rule or any other authorizations which will increase styrene emissions. An amendment to this permit will be required should there be any increases in styrene emissions.
9. Emissions from the facility shall comply with Title 30 TAC Section 101.4 regarding nuisances. Complaints from affected persons of nuisance odors from the facility verified by the TCEQ or any air pollution control agency with appropriate jurisdiction shall be the basis for requiring prompt remedial action to eliminate such odors. The TCEQ may require these facilities to implement one or more of the following measures: temporary production curtailment; temporary shutdown during adverse meteorological conditions; install any additional controls that are necessary to control odor emissions, etc., according to a schedule determined by TCEQ.

10. All operations which use pure styrene or styrene based materials (including but not limited to resin and gelcoat) shall be conducted between the hours of specify am and specify pm.
11. All operations where resin and gelcoat materials are employed shall be performed inside building equipped with appropriate exhaust ventilation system. The exhaust ventilation system shall be in operation during and for at least one-half hour after the end of application and cleanup. In addition, the ventilation system must be equipped with filters to control particulate emissions.
12. All emissions must be exhausted through elevated stack(s) with no obstructions or restrictions and with a vertical discharge of at least specify feet above ground level.
13. A controlled spray program shall be in place to reduce overspray and atomization during gelcoating and resin application operations. The Controlled Spray Program shall be based on the "Controlled Spraying Handbook" published by the Composite Fabricators Association. The Controlled Spray Program shall include:
 - A. Spray gun calibration to determine minimum gun tip pressure at the beginning of every shift.
 - B. Operator training to achieve optimum spraying techniques in order to minimize overspray and atomization.
 - C. Overspray containment flanges on the edges of molds.

POLLUTION PREVENTION

14. All spills shall be cleaned up immediately.
15. All volatile waste shall be stored in sealed containers until removed from the site in accordance with applicable regulations.
16. Towels, rags, or other absorbent materials used for cleanup shall be placed into sealed containers immediately after use and shall be kept in storage until properly removed from the site.
17. Mixing drums and containers used to transfer resin and styrene shall be kept closed except during the actual mixing and transfer of the resin. Pumps will be used to transfer the resin where possible.
18. Filters shall be replaced and handled according to manufacturer specifications such that fugitive particulate matter emissions do not occur either in the building or on the site.