

**TCEQ Coatings Sources
 Current Best Available Control Technology (BACT) Guidelines
 Planned Maintenance, Startup, and Shutdown**

Fiber Reinforced Plastics/Cultured Marble Operations

The information is maintained by the Mechanical/Coatings Section and is subject to change. Last update 03/2018.

Year	Source Type	Pollutant	Planned MSS Activity	Minimum Acceptable Control	Control Efficiency or Details
2018	Enclosed Resin and Gelcoat Application	VOC and Exempt Solvent	Thermal control device startup and shutdown	Venting ductwork and control device to atmosphere to eliminate explosive conditions prior to start of control device operation. Control device shall be in normal operation and at the appropriate temperature prior to start of process operation. Control device shall remain in normal operation at least 30 minutes after the completion of the resin operation prior to shutdown.	Minimize the duration of the control device startup and shutdown consistent with good operating practices.
			Fugitive component repair, replacement; leaks - piping, pumps, valves, flanges, etc.	Audio, visual, and olfactory (AVO) inspection and maintenance plan with walk through to identify leaking components and repair of leaks as soon as practicable.	Identify leaking components on inspection record with repairs completed as soon as practicable or within 15 days. Purging of piping and components to remove as much liquid as practicable before repairs or replacements are initiated. Liquids from leaks and absorbent materials are stored in closed containers until removal from the site or sent to a solvent recovery system at the site.

Year	Source Type	Pollutant	Planned MSS Activity	Minimum Acceptable Control	Control Efficiency or Details
2018	Enclosed Resin and Gelcoat Application	VOC and Exempt Solvent	Degassing solvent storage tanks prior to cleaning and inspection	Removal of as much of the remaining liquid as practicable.	The remaining heel in the storage tank shall be less than one-half inch at the deepest point before degassing and venting to the atmosphere may begin. Degassing of storage tanks with a heel greater than one-half inch shall be evaluated on a case-by-case basis.
			Degassing resin storage tanks prior to cleaning and inspection	Removal of as much of the remaining liquid as practicable.	Solvent or monomer concentration in the tank head space must be less than 10,000 ppm prior to venting the tank to the atmosphere. Tank venting through the thermal control device or spray booth stacks during degassing may be necessary to achieve acceptable impacts.
			Cleanup of overspray from surfaces using solvents	Capture of cleaning solvents when practicable and limit solvent usage through a site-specific solvent management plan.	Solvents are stored in closed containers until removal from the site or sent to a solvent recovery system at the site.
		Particulate matter including PM ₁₀ and PM _{2.5}	Booth filter pad replacement	Removal of spent filters in such a manner to minimize PM emissions and placing the spent filters in sealable bags or other sealable containers prior to removal from the site.	Bags or containers shall be kept closed at all times except when adding spent filters.
	Cleanup of overspray from surfaces using mechanical methods		Removal of overspray in such a manner to minimize PM emissions and placing the waste in sealable bags or other sealable containers prior to removal from the site.	Bags or containers shall be kept closed at all times except when adding waste.	