

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

Printing Operations

The information is maintained by the Combustion/Coatings Section and is subject to change. Last update 9/12.

Year	Source Type	Pollutant	Planned MSS Activity	Minimum Acceptable Control	Control Efficiency or Details
2012	Printing and/or Laminating Operations	VOC and Exempt Solvent	Process operating with thermal control device bypassed for maintenance on the thermal control device.	Limiting process operation while the control device is down for maintenance to less than 120 hours per year in total.	Impacts for criteria pollutants and individual species must be acceptable during control device bypass.
			Thermal control device startup and shutdown.	Venting ductwork and oxidizer to atmosphere to eliminate explosive atmospheres 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 printing operation before shutdown.	Minimize the duration of the control device startup and shutdown consistent with good operating practices. Emissions from the combustion of natural gas and the waste stream shall be based on full firing rates for natural gas and maximum solvent loading from the printing operation.
	Trimming and/or Hole Punching Operations	Particulate matter including PM, PM ₁₀ and PM _{2.5}	Dust collection system filter 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 for the addition of additional spent filters.