

**TCEQ Chemical Sources
Current Best Available Control Technology (BACT) Requirements**

Vapor Oxidizers

Year	Source Type	Pollutant	Minimum Acceptable Control	Control Efficiency or Details
2011	Catalytic Oxidizer	VOC	Monitor bed temperature, perform initial test, CEMS if > 2 TPY VOC emissions	98% destruction or 20 ppmv outlet concentration at 3% oxygen on exhaust VOC
	Thermal Oxidizer (TO)	VOC	Monitor chamber exit temperature, perform initial test, CEMS if > 10 TPY VOC emissions or if toxicity is a concern	99.9% DRE or r 10 ppmv at 3% oxygen on exhaust VOC, low NO _x burners (0.06 lb/MMBtu or less)
	Regenerative Thermal Oxidizer (RTO)	VOC	Monitor bed temperature, perform initial test	99% destruction or 10 ppmv outlet concentration at 3% oxygen on exhaust VOC