

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

Fluid Catalytic Cracking Units (FCCU)

Year	Source Type	Pollutant	Minimum Acceptable Control	Control Efficiency or Details
2011	FCCU	SO ₂	Short-term limit: 300 ppmv, one hour average, corrected to 0 percent oxygen Annual emission limit: 100 ppmv, corrected to 0 percent oxygen	
		NO _x	Short-term limit: 200 ppmv, one hour average corrected to 0 percent oxygen Annual emission limit: 100 ppmv, corrected to 0 percent oxygen	
		CO	500 ppmv maximum hourly concentration	
		Particulate (includes condensable PM)	1 lb/1000 lbs of coke burned off – opacity is limited to 15-20 percent over a 6-minute average period	
		VOC	< 10 ppmv exit concentration	