

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

Sulfur Recovery Units (SRUs)

Year	Source Type	Pollutant	Minimum Acceptable Control	Control Efficiency or Details
2011	SRUs in Natural Gas Processing Plants	Sulfur > 50 LTPD	SRU and Tail Gas Cleanup Unit (TGCU) 75% redundant sulfur capacity	99.8% S recovery
		20 LTPD < Sulfur 50 LTPD	SRU and TGCU 75% redundant sulfur capacity	98.5% S recovery
		0.3 LTPD < Sulfur	SRU or other technologies 75% redundant sulfur capacity	96% S recovery
		Sulfur	Flare	See flare control requirements
	SRUs in Refineries	Sulfur > 10 LTPD	SRU and TGCU A minimum of 3 days excess storage capacity for water retention in case of SRU outage 3 day on-line sour water separation period for sour water 75% redundant sulfur capacity	99.8% S recovery
		Sulfur < 10 LTPD	SRU A minimum of 3 days excess storage capacity for water retention in case of SRU outage 3 day on-line sour water separation period for sour water 75% redundant sulfur capacity	96% S recovery