

TCEQ CHEMICAL SOURCES HISTORICAL BEST AVAILABLE CONTROL TECHNOLOGY (BACT) REQUIREMENTS

Equipment Leak Fugitives

This information is maintained by the CHEMICAL NSR Section and is subject to change. Last update 10/17/2006.

Year	Source Type	Pollutant	Minimum Acceptable Control	Control Efficiency or Details
1996	Equipment Leak Fugitives	Uncontrolled VOC emissions < 10 tpy	None	
		VOC Vp > 0.5 psia 10 tpy < uncontrolled emissions < 25 tpy	28M leak detection and repair program	75% credit for 28M
		VOC Vp > 0.044 psia Uncontrolled emissions > 25 tpy	28VHP leak detection and repair program	97% credit for valves, 85% for pumps and compressors
		VOC Vp < 0.147 psia	Emissions may be estimated using Non-leaker factors (Vp < 0.147 psia) or credit for Audio/Visual/Olfactory (AVO) program (Vp < 0.0147 psia)	AVO inspection required if emissions determined using no control are > 10 TPY
		VOC Vp < 0.002 psia	No inspection required	No fugitive emissions expected
		Approved odorous compounds: NH ₃ , Cl ₂ , H ₂ S, etc.	AVO inspection twice per shift	Appropriate credit for AVO program