

TCEQ Mechanical Sources

Historical Best Available Control Technology (BACT) Requirements

Galvanizing Operations

Year	Source Type	Pollutant	Minimum Acceptable Control	Control Efficiency or Details
2008	Zinc Kettle	Particulate Matter (PM)	Emissions capture system meets ACGIH design, 99% reduction of emissions and an outlet grain loading \leq 0.01 gr/dscf, 5% opacity at stack, separate ammonia chloride preflux tank	Typically achieved with a fabric filter with lime precoated bags
	HCl Tanks	HCl	90% reduction	Typically achieved with fume suppressant or equivalent