

## TCEQ Mechanical Sources

### Current Best Available Control Technology (BACT) Guidelines

#### Galvanizing Operations

Source Type	Pollutant	Minimum Acceptable Control	Details
Zinc Kettle	Particulate Matter (PM)	Emission 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
Hydrochloric Acid (HCl) Tanks	HCl	90% reduction	Typically achieved with fume suppressant or equivalent