

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

GALVANIZING OPERATIONS

This information is maintained by the Mechanical/Agricultural/Construction Section and is subject to change. Last update 10/2006

Year	Source Type	Pollutant	Minimum Acceptable Control	Details
1996	Zinc Kettle	Particulate Matter	Emissions capture system meets ACGIH design, 99% reduction of emissions and an outlet grain loading ≤ 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