

TCEQ Mechanical Sources

Current Best Available Control Technology (BACT) Guidelines

Grain Elevators

Source Type	Pollutant	Minimum Acceptable Control	Control Efficiency or Details
Receiving	Particulate Matter (PM)	90% reduction	Typically achieved by choke feeding at gravity receiving pits
Mechanical Conveying	PM	Enclosed conveying or equivalent	
Pneumatic Conveying	PM	99% reduction, outlet grain loading ≤ 0.01 gr/dscf	Typically achieved by a baghouse
Drying	Products of Combustion	Column type dryers with outlet perforations no greater than 0.094 inches in diameter or equivalent	NSPS requirement
Loadout	PM	Drop socks on all loadout spouts or equivalent	