

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

### MATERIAL AND COAL HANDLING

This information is maintained by the Mechanical/Agricultural/Construction NSR Section and is subject to change. Last update 11/2006

Year	Source Type	Pollutant	Minimum Acceptable Control	Details
1996	Material Handling	Particulate Matter (PM)	70% reduction	Transfer points, stockpiles - Typically water sprays. Wet material (1.5% moisture minimum) 50% reduction; Enclosure methods; dependent upon ratio of openings in enclosure 50-90%; Fabric Filter baghouses require 0.01 gr/dscf (99% reduction).
			Coal Handling	PM
			85% reduction	Transfer points - Typically foam and/or surfactant
			90% reduction	Receiving and unloading - Typically foam sprays and enclosures
				Conveying - Typically enclosed (50-90% reduction); chemical sprays (80-90% reduction); full enclosure (90+%)
				Crushing - Typically enclosed
			Screening - Typically enclosed; partial enclosure + water sprays	
			95% reduction	Loading - Typically chemical wetting + enclosure; chemical wetting + choke feeding; fabric filter on silo