

**TCEQ Mechanical Sources**

**Historical Best Available Control Technology (BACT) Requirements**

**Bulk Material Handling**

Year	Source Type	Pollutant	Minimum Acceptable Control	Control Efficiency or Details
2008	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	70% reduction	Storage pile load-in, stockpiles and roads - Typically water sprays.
			85% reduction	Transfer points - Typically foam and/or surfactant

Year	Source Type	Pollutant	Minimum Acceptable Control	Control Efficiency or Details
2008	Coal Handling	PM	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