

TCEQ Mechanical Sources

Historical Best Available Control Technology (BACT) Requirements

Asphalt Processing and Asphalt Roofing Manufacturing

Year	Source Type	Pollutant	Minimum Acceptable Control	Control Efficiency or Details
2008	Saturator	Particulate Matter (PM)	99% reduction, outlet grain loading ≤ 0.01 gr/dscf	Typically achieved with a baghouse
			0.04 kg/Mg of asphalt shingle or mineral-surfaced roll roofing	NSPS Requirement
			0.40 kg/Mg of saturated felt or smooth-surfaced roll roofing	NSPS Requirement
			Opacity $\leq 20\%$	
			No visible emissions from capture system	
	Storage Silo and Material Handling	PM	99% reduction, outlet grain loading ≤ 0.01 gr/dscf	Typically achieved with a baghouse
			Opacity of 0% from storage tanks	
			Opacity $\leq 1\%$ from mineral handling and storage	

Year	Source Type	Pollutant	Minimum Acceptable Control	Control Efficiency or Details
2008	Blowing Still	PM	0.67 kg/Mg from still when catalyst is used	NSPS Requirement
			0.71 kg/Mg from still when No. 6 fuel oil is fired in the afterburner and when a catalyst is used	NSPS Requirement
			0.60 kg/Mg from still when catalyst is not used	NSPS Requirement
			0.64 kg/Mg from still when No. 6 fuel oil is fired in the afterburner and a catalyst is not used	NSPS Requirement
			0% opacity (unless using fuel oil in the afterburner)	NSPS Requirement