

## TCEQ Mechanical Sources

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

#### Cotton Gins

Year	Source Type	Pollutant	Minimum Acceptable Control	Control Efficiency or Details
2008	Van Axial Fan Exhaust	Particulate Matter (PM)	50% reduction	Use of small-mesh screens
	Centrifugal Fan Exhaust	PM	90% reduction	Use of well designed, high efficiency cyclones (1D-3D or 2D-2D)
	Lint Cleaner	PM	50% reduction	Use of small-mesh screens
	Battery Condenser	PM	50% reduction	Use of small-mesh screens
	Burr Hopper	PM	No control	Possible enclosure required on a case by case basis
	Burr Stacker	PM	Best Management Practices	Typically achieved by water sprays
	Burr Pile	PM	Best Management Practices	Properly stacked burr piles with water sprays may be considered on a case by case basis