

TCEQ Coatings Sources

Historical Best Available Control Technology (BACT) Requirements

Abrasive Blasting Operations

This information is maintained by the Mechanical/Coatings Section and is subject to change. Last update 9/2018.

| Year | Source Type | Pollutant | Minimum Acceptable Control | Control Efficiency or Details |
|------|----------------------------|-----------|--|--|
| 2008 | Enclosed Abrasive Blasting | PM | The use of a fabric filter such as a baghouse or cartridge filter system. | Outlet grain loading of ≤ 0.01 grains/dry standard cubic foot or an efficiency of at least 99%. Air to cloth ratio should be based on manufacturers recommendations for the abrasive blast media being used and the fabric filter cleaning method used. |
| | | | Storage of waste materials in closed containers or in covered piles prior to disposal offsite. | |
| | | | Good housekeeping for spills. | |
| | Outdoor Abrasive Blasting | PM | The use of low dusting abrasives. | Coal slag, copper slag, steel grit or other media with a free silica content of less than 1.0%. |
| | | | The use of shrouds. | Shroud materials shade factor should be 85% or greater. |
| | | | Storage of waste materials in closed containers or in covered piles prior to disposal offsite. | |
| | | | Good housekeeping for spills. | |