

Air Pollution Control Exemptions Application Checklist

Applicant Name: _____

GENERAL INFORMATION NEEDED FOR ALL APPLICATIONS:

- Signed and sealed engineers' affidavit, confirming and finding that the facility is designed and operated primarily for the control, capture, and removal of pollutants from the air, and is suitable, reasonably adequate, and meets the intent and purposes of part 55 and rules promulgated under that part. An affidavit is not required for farmers.
- Completed Department of Treasury application Form 3828.
- Narrative description, a paragraph describing how the personal or real property controls pollution.
- Itemized list of machinery and equipment or a breakdown of building costs.
- Plans, schematics, photos or drawings of the equipment and its' location.

QUALIFICATIONS *(The equipment must meet one of the following definitions on the STC list of commonly approved Air Pollution Control equipment.):*

- Thermal Oxidizer
- Staircases & Buildings
- Street Sweepers
- Roads
- Baghouses
- Primer Recovery Systems
- Water Spray Truck
- Dry Cask Spent Fuel Storage
- Emissions Monitory Systems
- Continuous Emissions Monitoring Systems (CEMS)
- Electrostatic Precipitators (ESP), Flue Gas Desulphurization (FGD), Activated Carbon or Sorbent Injection Systems, Flue Gas Conditioning Systems, Selective Catalytic Converters (SCRs) and other catalytic conversion systems.
- Conveying and Disposal Systems
- Low-NOx Combustion Systems
- Landfill Systems
- Water Wash & Dry Filter Collectors on Paint Spray Booths
- Absorption Units
- Condensers
- Cyclones & Multi-cyclones
- Flame Afterburners
- Flares
- Mist Eliminators
- Packed Scrubbers
- Settling Chambers
- Vapor Recover Units
- Wet Scrubbers
- Foundations and Structural Equipment for Exempt Equipment
- Equipment Enclosures or Buildings that Provide Weather Protection to Exempt Equipment
- Electrical Equipment for Exempt Equipment
- Instrumental and Other Equipment for Safer or Quieter Operation of Exempt Equipment
- Equipment Used for Service or Maintenance of Exempt Equipment
- Equipment Used to Treat an Exempt Collector Inlet Gas Stream
- Equipment used to Prepare and Supply the Scrubber Liquor to an Exempt Wet Collector and Equipment Used to Properly Treat the Effluent Discharge from an Exempt Wet Equipment Used to Properly Transfer, Store, Handle, and Prepare for Disposal of Contaminants Collected by Exempt Equipment
- Modifications to Process Equipment or Buildings that were necessitated by the Addition of Exempt Equipment.
- Fans, Motors, Ductwork, Stacks, In-Stack Monitors, and Some Ambient Air Monitors
- Fuel Desulphurization Equipment Which Reduces the Sulfur Content of Fuel to be Burned in the Applicant's Process of Fuel Burning Equipment
- Aerators Used to Aerate Disposal Lagoons for Odor Control
- Dust Suppression Equipment and Practices Such as Sprinkler Systems, Storage Pile
- Enclosures, Conveyor Transfer Points, Dump Hopper Enclosures, etc.
- Emergency Chemical Containment Pits Which Prevent Excessive Vaporization and Enable Application of a Scrubbing System
- Auxiliaries to Condition the Temperature and Viscosity of the Fuel to Promote Better Atomization and Combustion
- Flame Safety Devices
- Steam, Mechanical, or other Automization Equipment and Associated Piping
- Fans or Pumps and Associated Piping and Ductwork, Which Move or Pressurize a Mixture of Air and Fuel that Passes Through the Burner or Combustion Air
- Nuclear Power Plants:

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- Incinerators:
- Compactors and Balers:
- Miscellaneous Costs:
- Process Change:
A process change involving production equipment made to satisfy the requirements of PA 451, Part 55, meet the definition of an air pollution control facility as contained in Part 59. For process changes, the maximum cost allowed for tax exemption will be the lesser of 25% of the cost of the new process unit plus 100\$ of the cost of its related air pollution control equipment or the cost of conventional equipment applied on the basis of the new equipment process production rate on the pre-existing process. Examples of qualifying process change include: replacement of cupolas with electric furnaces, replacement of lorry car charging systems with pipeline charging systems on coke oven batteries, replacement of coal fired boilers with compressors for supplying air to forging hammers.

COMMENTS:
