# Table B-3: Air Pollution Control Equipment Design and Expected Performance[[1]](#footnote-1)

Please complete relevant sections of this table.

|  |  |  |
| --- | --- | --- |
| Type of Control Device | Control Device Parameters | Site-Specific Information |
| Cyclone or Multi-clone | Design Flowrate (Rm3/s): |  |
| Cyclone or Multi-clone | Design Pressure Drop (inches water column): |  |
| Cyclone or Multi-clone | Design Inlet PM10 Concentration (mg/Rm3 @ 11% O2-dry): |  |
| Cyclone or Multi-clone | Guaranteed PM10 Outlet Concentration(mg/Rm3 @ 11% O2-dry): |  |
| Cyclone or Multi-clone | or Anticipated PM10 Outlet Concentration(mg/Rm3 @ 11% O2-dry): |  |
| Electrostatic Precipitator | Design Flowrate (Rm3/s): |  |
| Electrostatic Precipitator | Type of ESP Design: |  |
| Electrostatic Precipitator | Design - Number of Fields In-Service: |  |
| Electrostatic Precipitator | Design input power (watts): |  |
| Electrostatic Precipitator | Design Inlet PM10 Concentration (mg/Rm3 @ 11% O2-dry): |  |
| Electrostatic Precipitator | Guaranteed PM10 Outlet Concentration(mg/Rm3 @ 11% O2-dry): |  |
| Electrostatic Precipitator | or Anticipated PM10 Outlet Concentration(mg/Rm3 @ 11% O2-dry): |  |
| Fabric Filter  | Design Flowrate (Rm3/s): |  |
|  | Bag Material: |  |
| Fabric Filter | Air-to-Cloth Ratio (m3/m2): |  |
| Fabric Filter | Type of Cleaning Mechanism: |  |
| Fabric Filter | Design Pressure Drop (kPa): |  |
| Fabric Filter | Design Inlet PM10 Concentration (mg/Rm3 @ 11% O2-dry): |  |
| Fabric Filter | Guaranteed PM10 Outlet Concentration(mg/Rm3 @ 11% O2-dry): |  |
| Fabric Filter | or Anticipated PM10 Outlet Concentration(mg/Rm3 @ 11% O2-dry): |  |
| Wet Scrubber | Design Flowrate (Rm3/s): |  |
| Wet Scrubber | Type of Design (spray or venturi): |  |
| Wet Scrubber | Scrubber Dimensions (metres): |  |
| Wet Scrubber | Design Pressure Drop (inches water column): |  |
| Wet Scrubber | Water Spray (or recirculation) Rate (litres/minute): |  |
| Wet Scrubber | Design Inlet PM10 Concentration (mg/Rm3 @ 11% O2-dry): |  |
| Wet Scrubber | Guaranteed PM10 Outlet Concentration(mg/Rm3 @ 11% O2-dry): |  |
| Wet Scrubber | Or Anticipated PM10 Outlet Concentration(mg/Rm3 @ 11% O2-dry): |  |

1. R means reference conditions (25o C and 101.3 kPa) [↑](#footnote-ref-1)