

Application information

The application was submitted with Fire Prevention Plant, Dust Management, BAT Assessment, Habitat Assessment etc.

The site operations are carried out such that there will be no point source emissions to air, surface water, groundwater or land.

All waste acceptance, treatment and storage areas for waste is conducted internally in buildings, these buildings benefit from an impermeable surface, kerbing or retaining sealed walls.

All potentially polluting materials for example oils and fuels will be stored in containers provided with secondary containment. Containers and secondary containment will be impermeable, resistant to the stored materials and constructed to the appropriate British Standard. Containers will be surrounded by a leakage containment bund capable of containing at least 110% of the volume of the largest container within the bund or 25% of the total container volume within the bund, whichever is the greater.

All line operations are connected to dust collector and fan. Dust collector is generally used for primary filtration for mixed metal and ceramic dust particles. Above the dust collector there are two heavy-duty air auto dampers for controlling work operations. The dust collector consists of filter cartridges, tanks and collecting barrels. After filtration, the primary cleaned air goes through a duct process and fan and ends at HEPA filter boxes for secondary filtration, which collects all remnants of primary filtration dust, including RCF. There is total 4 boxes of HEPA filters that contains 2 pcs. per box HEPA cartridges. The cleaned air flow is regulated through air dampers which are installed just before HEPA filters. HEPA filtering is used when the cleaned air is needed to return to working rooms. All operations are controlled by control panel which is placed near dust collector.