

In order for the intake-pit filter to function at its best the following conditions must be fulfilled:

1. By mounting a material brake in the intake-pit dust emission can be minimised. The dust velocity from an intake-pit should be less than 1 m/sec. Material brake/ploughs could be mounted in the intake-pit.
2. The dust is led to the intake-pit filter through a regular supply of replacement air. The air velocity should be less than 0.5 m/sec.
3. All gates must be shut. Draughts along the length of the intake-pit filter must be avoided by mounting guards.

