

Fugitive Dust Emission Safe Procedures



SAFE PROCEDURES

Current weather conditions and predicted weather forecasts prior to unloading are documented in the control room log book.

Stacker / reclaimer operator, foremen and other personnel are to be visually monitoring the outside of unloading area, conveyors and stacker / reclaimer wheel for signs of dust generation.

The operators and other employees are trained to report the generation of dust to the foreman. On occasion the foreman will check in with the operators to verify excessive dust is not being generated.

The coal is stacked by the stacker / reclaimer operator with a minimal drop distance from the bucket to the stockpile.

The general foreman is notified promptly. All employees will be trained to make and record a dust observation in the field.

If dust is determined to be minimal and not leaving our property, no further action is required.

If, due to wind conditions, the dust has the reasonable potential to leave the SCT property, the foreman will be radioed to turn on the spray bars upstream and/or at the point of the observed dust.

The results of the observation, activation of the spray bars and current weather conditions are documented in a bound and numbered log book kept in the control room.

The foreman documents the results of the field observation in a log book.

Based on the results of the field observation the foreman either determines that the actions taken have eliminated the condition and no further controls are needed, calls for additional water spray and additional observations, or orders a cease to active operations until ambient conditions improve.

At any time during the procedural steps listed above, the stacker/reclaimer operator can also suspend operations automatically from the operator seat.

SAFETY AND ENVIRONMENT EDUCATION FOR DEVELOPMENT

The stockpiles are aligned in the direction of the prevailing winds.

The stockpile profile is constructed as having a flat top-aspect.

Dressing of the stockpiles is minimized.

The stockpiles are not rotated unless required due to heat build-up

The height of the stockpiles is generally kept to less than 20 feet.

Skirting, side boards and covers are inspected and repaired as necessary to help minimize fugitive dust emissions during active operation.

Coal spillage on the ground from transfer points or carry back is recovered.

The ship loader minimizes the drop length from the drop tube to the hold of the ship, weather, and wind conditions permitting.

SAFETY AND ENVIRONMENT EDUCATION FOR DEVELOPMENT

INSPECTION PROCESS

Visual Determination in the Field of Dust/No Dust

- Train Unloading
- Ship Loading
- Stacker/Reclaimer

Observation Time	Sky Conditions	Wind Direction/Speed	Dust Observed? Y or N	Dust Leaving Property? Y or N	Point of Observation /Comments	Initials