

Table 40.8-1 Fugitive Dust Control Measures

	Control measure	Fugitive dust categories		
		Road	Coal	Mining
1	Unpaved haul roads and ancillary roads are watered with water trucks as needed to suppress dust.	D	I	I
2	Heavily traveled portions of unpaved primary roads may be stabilized with chemical suppressants, or watered as needed to suppress dust.	D	-	-
3	Haul roads are graded as necessary during hauling operations.	D	I	I
4	High-use routes of travel in mining areas are graded as necessary.	D	-	I
5	Maximum vehicle speed on paved and unpaved mine roads is limited to 45 mph within the permit area for all mine vehicles.	D	I	I
6	Travel of unauthorized vehicles on other than established roads is restricted.	D	-	I
7	The area of disturbed land is minimized. This includes the number and size of areas to be blasted at any one time.	I	-	D
8	Curtains are installed around the drill stems on overburden drills. Water sprays and/or vacuum dust suppression systems are used to help suppress fugitive dust emissions when drilling overburden material.	-	-	D
9	Regular inspections for coal fires are made throughout the mine area. If a coal fire ignites by spontaneous combustion, that portion of the coal is separated or buried to extinguish the fire where possible.	-	-	D
10	Coal placed at the field coal stockpiles is smoothed and compacted as necessary. Compaction of the coal reduces spontaneous fires and fugitive dust, and allows the coal trucks to operate on the stockpile as needed.	I	-	D
11	Dust control during construction of a soil stockpile (topdressing stockpile) is done as needed by spraying the working area with water from a water truck. Inactive stockpiles will be mulched and/or seeded as described in Section 22.9.	-	-	D
12	Haulage vehicles are inspected regularly for proper function, which includes inspection of the haulage vehicle container body and if necessary, repairs are conducted as soon as practicable.	I	I	I

D Direct impact by control measure on appropriate fugitive dust category.

I Indirect impact by control measure on appropriate fugitive dust category.