

Model - Diesel Particulate Matter Training Outline

EXAMPLES

Engine/Equipment:	Qty.	
	9	Cat. 3306/Jeffrey Ram Car 6 Ram Cars Effective date: July 19, 2002 Requirement: 2.5 gm/hr. Aftertreatment device: Paper Filter
	3	3 Ram Cars Effective date:(Newly Introduced) May 22, 2001 Requirement: 2.5 gm/hr. Aftertreatment device: Paper Filter
	3	Cummins 235HP/Dodge Pickup 2 pickups Effective date: light duty/existing fleet Requirement: N/A Aftertreatment device: Equipment grandfathered
	1	1 pickup Effective date:(Newly Introduced)May 22, 2001 Requirement: 5.0 gm/hr or meets EPA Standards Aftertreatment device: New engines meeting EPA Standards
	1	Detroit 300/Generator Requirement: 5.0 gm/hr Aftertreatment device: Vent directly into return or into intake coursed to the return or ceramic filter
	6	Cat 3304/Wagner Scoop 6 Scoops Effective date: July 19, 2002 Requirement: 2.5 gm/hr Aftertreatment device: Paper Filter
	15	C240/Isuzu Pickup 12 pickups Effective date: light duty/existing fleet Requirement: N/A Aftertreatment device: Equipment grandfathered
		3 pickups Effective date: (Newly Introduced) May 22, 2001 Requirement: 5.0 gm/hr. or meets EPA Standards

Aftertreatment device: Ceramic Filter

Health Risks:

Acute: Eyes Burning
Throat Burning
Susceptible to colds/influenza
Respiratory illness

Chronic: Heart risks
Suspected lung cancer
Respiratory illness

Control Methods:

Listed on Diesel Equipment Inventory for each engine

Paper Filters: Donaldson Filter
VERT tested filter

Ceramic Filter

Approved Engine meeting EPA Standards

Person(s) responsible
For maintaining
Controls:

Maintenance Foreman – Second Shift
Underground Shop Mechanic – Third Shift
Master Mechanic – Day Shift

Actions by Miners
To Ensure Controls
Operate Properly

Examine Filters
Check Maintenance Records
Check filter indicator
Communicate with previous equipment operator