

Approved Equipment with a Diesel Particulate Filter

Part 36 (Schedule 31) approved permissible diesel-powered equipment presently operating in underground coal mines must comply with the requirements specified under section 72.500(b) of subpart D of Part 72 by July 19, 2002. Manufacturers of Part 36 approved diesel-powered equipment have applied for and received approval for adding a diesel particulate filter to their permissible diesel-powered equipment to meet these requirements. If a coal mine operator owns Part 36 approved equipment that does not have an optional exhaust particulate filter kit available from its original equipment manufacturer (OEM) or wants to install either another company's exhaust particulate filter design or their own design, that mine can apply for a Part 36 field modification. Coal mine operators have applied for and received a field modification acceptance for adding a diesel particulate filter to their existing permissible diesel-powered equipment. These field modifications can be any of the following type:

1. Installation of a new power package with an exhaust particulate filter. (e.g. convert from a wet scrubber system to a dry exhaust conditioner with an exhaust particulate filter.)
2. Installation of another equipment/power package manufacturer's exhaust particulate filter kit that was previously evaluated and approved by MSHA.
3. Installation of the mine's own exhaust particulate filter design.

Field modifications to Part 36 approved diesel-powered equipment are processed through Technical Support - Approval and Certification Center's (A&CC) Mechanical Safety Division. Information on how to apply for a field modification of a Part 36 approved machine can be obtained from the following contacts:

A&CC - Mechanical Safety Division
Diesel Power Systems Branch
Contact: Robert Setren
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or
Contact: Gary Clark
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The following Part 36 approved machines have been approved by MSHA with a diesel particulate filter.

APPROVED EQUIPMENT with DIESEL EXHAUST PARTICULATE FILTERS

Approval Number	Machine Manufacturer	Equipment Model and Type	Feature
Part 36 Approvals for Coal			
36C-001	Long Airdox /Jeffrey	4116 or 4120 Ramcar	Dry system pwr pkg with exhaust particulate filter
36C-007	Atlas Copco Wagner	ST3-1/2S Scoop	Optional exhaust particulate filter added to approval documentation
36C-009	Eimco LLC	936M Shield Hauler/Scoop	Dry System w/ exhaust particulate filter.
36C-010	Atlas Copco Wagner	LST-25X Scoop	Optional exhaust particulate filter (new design) downstream of scrubber
36C-011	Atlas Copco Wagner	LST-5S/LST-14X Scoop	Optional exhaust particulate filter (new design) downstream of scrubber
Part 36 Upgraded Approvals			

Approval Number	Machine Manufacturer	Equipment Model and Type	Feature
31-200	Jeffrey Mining Products, LP	4110 Ramcar	Optional exhaust particulate filter added to approval documentation
31-201	Jeffrey Mining Products, LP	4110 Rockduster	Optional exhaust particulate filter added to approval documentation
31-213	Atlas Copco Wagner	LST-5S Scoop	Optional exhaust particulate filter added to approval documentation
31-218	Atlas Copco Wagner	LST-5S-25X Scoop	Optional exhaust particulate filter added to approval documentation
31-221	Petitto Mine Equip.	2060/2066 Utility Tractor	Optional exhaust particulate filter added to approval documentation
31-222	Petitto Mine Equip.	2060/2066 Utility Tractor	Optional exhaust particulate filter added to approval documentation
31-223	Petitto Mine Equip.	2060/2066 Utility Tractor	Dry system pwr pkg with exhaust particulate filter
31-224	Atlas Copco Wagner	ST-3.5S Scoop	Optional exhaust particulate filter added to approval documentation

Approval Number	Machine Manufacturer	Equipment Model and Type	Feature
31-225	Long Airdox/Jeffrey	4110 Rockduster	Optional exhaust particulate filter added to approval documentation
31-226	Long Airdox/Jeffrey	4110 Ramcar	Optional exhaust particulate filter added to approval documentation
31-227	Long Airdox /Jeffrey	4110 Ramcar	Optional exhaust particulate filter added to approval documentation
31-231	Atlas Copco Wagner	MTT-414S/MTT-415S Teletram	Optional exhaust particulate filter added to approval documentation
Part 36 Field Modifications			
Approval Number	Coal Company and Mine Name	Equipment Make, Model and Type	Feature
31-210	Mt. Coal Company; West Elk Mine	Eimco 936M Scoop	Installed a Jeffrey exhaust particulate filter kit. [Pictures]
31-224	Mt. Coal Company; West Elk Mine	Atlas Copco Wagner ST3-1/2S Scoop	Installed a Jeffrey exhaust particulate filter kit. [Pictures]
Pending Part 36 Field Modifications			
31-218	Mt. Coal Company; West Elk Mine	Atlas Copco Wagner LST5S-25X Scoop	Installed a Jeffrey exhaust particulate filter kit.

Approval Number	Machine Manufacturer	Equipment Model and Type	Feature
31-231	Mt. Coal Company; West Elk Mine	Atlas Copco Wagner MTT-415S Haultruck	Installed a Jeffrey exhaust particulate filter kit.
31-96-0	Mt. Coal Company; West Elk Mine	Getman 220 Boomtruck	Installed a Jeffrey exhaust particulate filter kit.
31-206	Mt. Coal Company; West Elk Mine	Tamrock-Eimco 975A Lubetruck	Installed a Jeffrey exhaust particulate filter kit.
31-53-1	Canyon Fuel Company; Sufco Mine	Atlas Copco Wagner MTT-F17-14S Boomtruck	Installed the mine's own exhaust particulate filter design.