

THE TRUSTED SOURCE FOR MINING DIESEL EMISSIONS CONTROLS



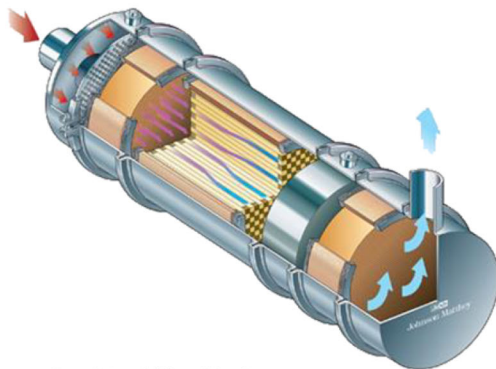
Johnson Matthey
Inspiring science, enhancing life

A safe and productive underground mine needs to control diesel emission NO₂. Only JM has the proven technology for the highest level of emission control, and we are prepared to guarantee it!

JM is the trusted global leader in diesel emission control technologies, with proven systems for controlling PM to very high destruction efficiencies, while simultaneously controlling NO₂.

The Mining-CRT diesel emission product line has demonstrated excellent success. JM has installed diesel particulate systems on over 3 million on-highway and 200,000 off-highway diesel engines so you know you can trust the technology has been fully developed and well proven.

Mining-CRT® Systems



Droplets of Diesel fuel are injected between the filter and an additional decomposition catalyst to reduce NO₂ levels. A filter monitor controls the injection rate depending on the exhaust gas temperature and the engine speed. This system reduces 99.8% of the number of particulates, 90% of the CO and HC, and NO₂ is kept at the engine out level.

# filters	2 / 1
Configuration	DOC + DPF +Decomp
NO₂ Outlet	< engine out
Pressure drop (typical – engine dependent)	<100 mbar
Reactor configuration	Straight or Bent
Cleaning Intervals (hours)	>1,000
Guarantees	NO ₂ out Performance
Minimum temperatures for guarantee (°C)	260 for 40% of the duty cycle

Need advice? Contact Our Experts...
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