



JM

Tier 4F compliant emission control

Save installation costs with compact factory assembled emission control system



Johnson Matthey
Inspiring science, enhancing life

CompactSCRT™ system technology guarantees compliance with USEPA Tier 4F



Standby diesel generators are essential for sustainable operations which rely on uninterrupted electric power. In many situations, the optimum diesel genset is Tier 1, 2 or Tier 3 rated. But due to project requirements, the emissions need to comply with Tier 4F, or even more stringent regulations.

That is where reliability and accountability are essential.

The CompactSCRT combines 25+ years of experience in providing our diesel particulate filter science with our selective catalytic reduction technology in a single platform.

Typical CompactSCRT emission reduction efficiencies

Pollutant	Typical Raw Emission Reduction Percentage to Achieve Tier 4F	Tier 4F Emission Requirement (g/kw hr)
NOx	>95%	0.67
CO	>90%	3.5
HC	>95%	0.19
PM	>92%	0.03

Benefits:

- Reduce expensive installation costs with single-lift factory assembly
- Place in tight spaces with compact design
- Minimize exhaust noise with integrated 40-45 dB(A) silencer



Two factory assembled CompactSCRT systems arriving at the jobsite. A single crane lift per unit eases installation.

Why choose Johnson Matthey?

Trusted experience

- Johnson Matthey is the number one global supplier of emission control technology for both on-road and off-road diesel equipment
- Johnson Matthey was the first to develop and patent the passive diesel particulate technology
- Johnson Matthey supplied SCR technology for over 1.9 GW of stationary engine power
- Ammonia slip control catalysts for CO / NH₃ control

We have been innovating diesel emission control systems for over 25 years and no other supplier can match our experience.



About Johnson Matthey

Johnson Matthey is a global leader in science that enables a cleaner and healthier world. With over 200 years of sustained commitment to innovation and technological breakthroughs, JM improves the function, performance and safety of our customer's products. Our science has a global impact in areas such as low emission transport, pharmaceuticals, chemical processing and making the most efficient use of the planet's natural resources. Today more than 13,000 Johnson Matthey professionals with operations in over 30 countries collaborate with our network of customers and partners to make a real difference to the world around us. For more information, visit www.matthey.com

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For product specific information,
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