



Developing leading edge catalyst technology for Diesel Exhaust Systems

MinNoCat™

A Revolutionary Product in Diesel Exhaust Emissions Control Systems

In sensitive environments like mines, controlling emissions is critical. AirFlow Catalyst Systems has developed a device that Minimizes (Min) NO₂ (No) while reducing other critical emissions through Catalyst technology (Cat).

MinNoCat is ideal for equipment used in continuous operations.

In addition to reducing the typical harmful emissions including CO, HC, and soot, MinNoCat effectively lowers NO₂ at device-out levels comparable to engine-out**.

MinNoCat™ offers the unique AirFlow benefits of

- **PASSIVELY REGENERATING to MINIMIZE DOWNTIME and REDUCE MAINTENANCE COSTS**
- **Having the HIGHEST EFFICIENCY RATING of passively regenerating systems listed by MSHA†**
- **Eliminating need for expensive control equipment (except where required by law)**
- **Being a single, self-contained unit, built in a durable stainless steel can for the mining environment**
- **Requiring less space than active regeneration or combination devices**

Proven Performance — MSHA Listed *	
Filter Efficiency	95%
CO	83%
Ventilation	Meets Requirements

**MinNoCat meets the 2.5G/H Filter Efficiency requirements
of 99.7% of engines listed by MSHA (Jan. 2011)**

*7.69-30 CFR, ISO 8 mode test

** Subject to specific engine and operation conditions

† See www.msha.gov/01-995/Coal/DPM-FilterEfflist.pdf

Rugged Construction

AirFlow's MinNoCat™ is built for operating in rugged environments such as tunnels and underground mines. Physical features that add value and maximize performance efficiency:

- Canned in sturdy stainless steel material
- Constructed to withstand vibration
- Cooling jacketing available upon request



AirFlow's MinNoCat Can Be *Customized* for a Variety of Applications:

Mining
Generator Sets

Construction
Locomotive

Forestry
Marine

The AirFlow Difference:

Industry-leading services:

- Customized Solutions
- Engineering Expertise
- Coating Expertise
- Technical Support (pre-, during, post-installation)
- Customer Service Focus

Additional industry leading products from AirFlow:

- EZCat™: Passively regenerating emissions reduction system, frequent idling conditions
- EZDoc™: Diesel Oxidation Catalyst Systems
- Custom Coatings

For more
information,
please contact



John Belgiorno
AirFlow Catalyst Systems, Inc.
Sales & Marketing Manager, North America
183 East Main Street, Suite 925
Rochester, NY 14604 USA

Phone: 585-295-1510
Fax: 585-295-1515
E-mail: jbelgiorno@AirFlowCatalyst.com
www.AirFlowCatalyst.com