



EPR Consulting Services, LLC
Taking Business Beyond Your Horizon

The Mining Diesel Emissions Council Looking Back & Ahead

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October 8, 2009

Mission Statement

The Mining Diesel Emissions Council (MDEC) is committed to providing a global forum for the dissemination of the latest scientific and technologically advanced research to reduce and control diesel emissions in the mining workplace environment

MDEC Strategic Intent

For over 30 years, the Mining Diesel Emissions Council has focused on the following strategic goals:

- To ensure Clean Air for all our employees serving within the mining industry
- To promote awareness of suppliers who bring Clean Air solutions to the mining industry through the development and application of new diesel technologies
- To strengthen the mining industry position with respect to safety, health and environmental matters.

MDEC Influencers/Drivers

- Underground mine worker health & safety
- Underground air quality
- Diesel powered equipment & associated exhaust emissions
- Government regulations
- Technology

MDEC Historical Benchmarks

- **1999**- In recognition of the international outreach of this conference, the name was officially established-Mining Diesel Emissions Conference
- **2007**- The Mining Diesel Emissions Council (the organizing body for the conference) incorporated as a non-profit organization to formalize and expand its service to the industry and for sustainability

What's next?

- New diesel fuel standards for non-road (June 2010) vehicles, reducing sulfur levels to 15 ppm
- New EPA non-road engine certification standards ($175 \leq \text{hp} \leq 750$) phased in from 2011-2014 for PM and NO_x

MDEC Emerging Focus

MDEC should consider incorporating into future conferences:

- Impact of the implementation of Tier 4 engines on underground mine air quality
- Expanded constituency with a view toward all non-road diesel engine/equipment and fuel applications in adjacent markets
 - Open pit mining; tunneling; construction, etc.
- Examine best practices from non-road applications for applicability in the underground mining industry