

MINING DIESEL
mdec
EMISSIONS CONFERENCE

**EMBASSY SUITES HOTEL, MARKHAM, ONTARIO
NOVEMBER 7 & 8, 2001**

AGENDA

TUESDAY EVENING - November 6, 2001

18:00 B 20:00 PRE-REGISTRATION

DAY 1 - WEDNESDAY - November 7, 2001

07:00 REGISTRATION

08:00 CONFERENCE OPENING CEREMONIES:

Welcome and Introduction

Edward Richards (Lubrizol-ECS)

Official opening of Conference

*Richard Tobin, Director General
Mineral Technology Branch/NRCan*

Conference arrangements

Melody Edwards (Lubrizol-ECS)

Organization

Mahe Gangal (CANMET)

8:30 **SESSION 1: DEEP REVIEW**
CHAIRPERSON - Bruce Conard (INCO)

Introductory Remarks, *Bruce Conard (INCO)*

Brunswick Mine Particulate Trap Project, *Sean McGinn (Noranda)*

Field Evaluation of DPF-s at Brunswick Mine, *Aleksandar Bugarski and George Schnakenberg (NIOSH)*

Sampling for Diesel Particulate Matter in Mines, *Michel Grenier (CANMET)*

10:00 **BREAK**

10:30 **SESSION 1: DEEP REVIEW - *continued***

Chairperson – Bruce Conard (INCO)

Diesel Particulate Filter Study at INCO-s Stobie Mine

- Introduction, *Joe Stachulak (INCO)*
- Installation and Operations, *Greg Nault (INCO)*
- Performance Evaluation, *George Schnakenberg (NIOSH)*

Evaluation of the Contribution of Light Duty Vehicles to the Underground Atmosphere Diesel Emissions Burden – Phase 2 Progress Report, *Brent Rubeli (CANMET)*

DEEP Technology Transfer Initiatives, *Ray Ellington (Morton Salt)*

12:00 LUNCH - introduction of all sponsors

**13:00 SESSION 2: DIESEL PARTICULATE MATTER MEASUREMENTS
CHAIRPERSON B Pierre Thibault (Quebec Mining Association)**

Evaluating the Use of Isokinetic Probes and Aerosol Monitors to Measure DPM in Real Time, *Patrick Hintz, Dave Denton and Art Miller (NIOSH)*

Occupational Exposures, Monitoring and Control Initiatives in Swedish Mines, *Bodil Mellblom (Swedish Mining Association)*

Compliance Strategies for DPM Exposure Limits in U.S. Mines, *John Head (Harding ESC)*

14:30 BREAK

**15:00 SESSION 3: MSHA REGULATIONS AND CONTROL STRATEGIES
CHAIRPERSON B Gerald Allan (Ontario Ministry of Labour)**

New MSHA Standard - Diesel Particulate Matter Exposure of Underground Coal and Metal And Nonmetal Miners, *George Saseen (MSHA)*

MSHA's On-Going Diesel Equipment Work, *George Saseen and Robert Setren (MSHA)*

An Integrated Approach for a Diesel Particulate Control Strategy, *Robert Haney (MSHA)*

16:30 ANNOUNCEMENTS

ADJOURNMENT

16:30-18:00 CASH BAR, RECEPTION & NETWORKING at Displays

DAY 2 - THURSDAY, NOVEMBER 8, 2001

8:00 SESSION 4: DIESEL EMISSION CONTROL TECHNOLOGIES I
CHAIRPERSON B Dale McKinnon (MECA)

Diesel Emissions Control Strategies Available to the Underground Mining Industry, *George Schnakenberg (NIOSH)*

An Active Sootfilter Regeneration System for Light Duty Vehicles, *Karen Schirmer (DCL International)*

Selection of Diesel Particulate Filter regenerating additives for new diesel engines, *Tim Rogers (The Associated Octel Company)*

Novel Approach to Reducing Diesel Engine Emissions in the Mining Industry, *Ron Dunfee (Lubrizol) and Drew Carlson (Clayton Environmental Services)*

10:00 BREAK

10:30 SESSION 5: PANEL DISCUSSION ON MINE DIESEL REGULATIONS
CHAIRPERSON B Michel Grenier (CANMET)

Panellists: Harry Tuggle (USWA) Mike MacFarlane (INCO)
George Saseen (MSHA) Ed McCloskey (Ontario Ministry of Labour)
John Head (Harding ESE) George Botik (CAW)

Discussions:

12:00 LUNCH B award of draw prizes

13:00 SESSION 6: EMISSION CONTROL TECHNOLOGIES II
CHAIRPERSON B Addy Majewski (Ecopoint)

Advances in Emission Control Technology for Diesel-Powered On-Road and Off-Road vehicles, *Dale McKinnon (MECA)*

Charge Air Cooling Practices for Underground Mining, *Brent Rubeli (CANMET)*

Measurement and Control of Accumulating Diesel Particulate Matter - The Causal Relationship Between Fuel Waste and DPM, *Wayne Allison (Mirenco)*

Diesel Emission Reduction at Canyon Fuel Companies, *Steve Forbush (Canyon Fuel Companies)*

15:00 BREAK

15:30 SESSION 7: FINAL PLENARY CONSULTATION
CHAIRPERSON B Mahe Gangal (CANMET)

- Summary presentation of comments received regarding last year's Conference
- Highlights 2001 Conference
- Plan for the next MDEC
- Final Remarks

16:00 ADJOURNMENT