



MDEC Diesel Workshop

Diesel Workshop (Tier 4 Engine and Maintenance)

Hilton Toronto Airport Hilton & Suites
Ontario, Canada

Tuesday, October 3, 2017

- 07:30 – 08:30** Breakfast and registration
- 08:30 – 12:00** Welcome – *David Young and J.P. Ouellette*, Co-chairs MDEC
- Operation & TCO (Total Cost of Ownership) Comparison Tier 3 to Tier 4 diesel engines, *Evelynn Stirling (Cummins)* **(Page 1-16)**
- Tier 4 Final Equipment - Use & Maintenance - *George Lin (Caterpillar)* **(Page 17-28)**
- Tier 4 Tier 4 Final – SCR Systems, *JP Ouellette (Kubota)* **(Page 29-61)**
- Diesel Emission Reduction – A Program Incorporating the Plan–Do–Check– Adjust (PDCA) Cycle, *Kevin Hedges (OHCOW Inc)***(Page 62-84)**
- Tier 4 and Advanced Mining Engine Technologies – Finding Success and Avoiding Failures, *Sean McGinn (MKNIZD Factors Inc)* **(Page 85- 96)**
- 12:00 – 13:00** Lunch
- 13:00 – 16:00** Challenges in and Solutions to Measurement of DPM at Low Concentrations, *Erkki Lamminen (Dekati Ltd)* **(Page 97-115)**
- On-board Monitoring of Diesel Equipment - Streamlining Maintenance in Mining, Paul Sheremeto and Brian Fleury (Pattern Discovery technologies and Wireless Systems Network) **(Page 116-128)**
- Underground Mining, *Blaine Vatcher (Atlas Copco)*
- New Strategies and measurement methods to determine long term DPF performance for Non-Road Mobile Machinery (NRMM), Robert Anderson (TSI)