




**MDEC – Mining Diesel
Emissions Council
update**


Oreste Simonetta, Project Manager
October 2014

The image shows the title page of a report. On the left, the title 'MDEC – Mining Diesel Emissions Council update' is written in a bold, sans-serif font. Below the title, the author's name 'Oreste Simonetta, Project Manager' and the date 'October 2014' are listed. On the right side, there is a vertical line followed by the CSA Group logo, which is the same circular emblem with 'CSA' and 'Group' text as seen in the first image.

Objectives

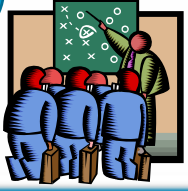
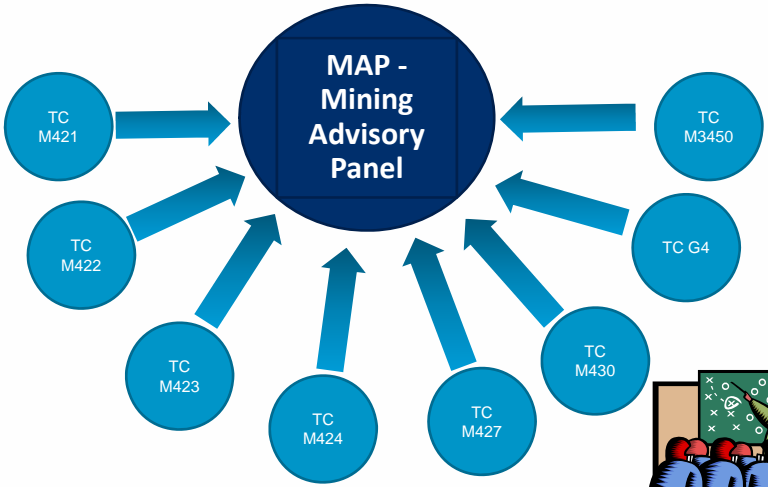



- MAP – Mining Advisory Panel update
- CSA Mining Standards – status
- CSA Standards across Canada
- ISO TC 82 update
- CSA Solutions
- Communities of Interest
- Participation and funding




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MAP – Mining Advisory Panel




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MAP – Mining Advisory Panel




- Provide strategic advice
- Identify gaps and opportunities for mine safety standards
- Identify funding opportunities
- Link to the regulatory initiatives



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MAP – Mining Advisory Panel update



- **The Panel has developed a Terms of Reference:**

“The Panel shall provide leadership and broad-based direction on national and international standards-related activities and identify and recommend standards priorities strategic direction in relevant areas of mining safety.

The Panel shall act as a forum for discussing issues related to the development and implementation of mining safety standards”
- **Key Areas of Focus:**
 - **Membership/Stakeholder involvement**
 - **Funding**
 - **Priority Issues being explored :**
 1. Competency and training
 2. Communication and Outreach
 3. Ground Support /Stabilization
 4. Control of Hazardous Energy
 5. Ventilation(updates to CSA M424 and exposure to diesel particulate)




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CSA's Mining Standards – active 

- **M421-11** “Use of electricity in mines”
 - Status: next meeting Spring 2015, next publication December 2016
- **CAN/CSA-M422-12** “Fire-performance and antistatic requirements for conveyor belting”
 - Status: next meeting April 2015, next publication March 2015
- **G4-09 (R2014)** “Steel wire rope for general purpose and for mine hoisting and mine haulage”
 - Status: next meeting November 4, 2014, next publication December 2014




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CSA Mining Standards – non active 

Panel's goal: update the following Mining Standards:

- CAN/CSA-M423-M87 (R2011)
“Fire-resistant hydraulic fluids”
- CAN/CSA-M424.1-88 (R2011)
“Flameproof non-rail-bound diesel-powered machines for use in gassy underground coal mines”
- CAN/CSA-M424.2-M90 (R2011)
“Non-rail-bound diesel-powered machines for use in non-gassy underground mines”
- CAN/CSA-M424.3-M90 (R2011)
“Braking performance - rubber-tired, self-propelled underground mining machines”
- CAN/CSA-M427-M91 (R2011)
“Fire-performance and antistatic requirements for ventilation materials”
- CAN/CSA-M430-90 (R2011)
“Roof and rock bolts, and accessories”
- CAN/CSA-M3450-03 (R2012)
“Earth-moving machinery - Braking systems of rubber-tyred machines - Systems and performance requirements and test procedures”



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CSA Mining Standards – non active




- **Current status:**
 - Chief Mining Inspectors support the update of the Mining Standards
 - Call for participants posted to the Community of Interest web site March 4, 2014
 - As of today, interest has been expressed for all the Mining Standards
 - Follow up scheduled in October and November 2014




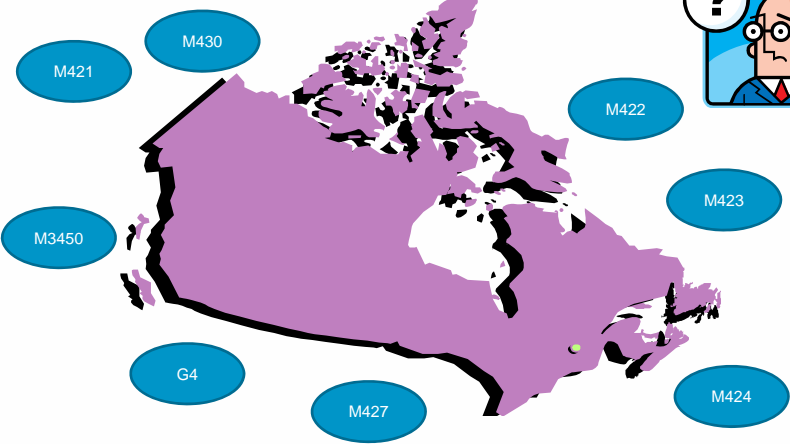
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Current use of Standards



- Mining standards are referenced throughout Canada but not in a consistent manner





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Goal




- Up to date Standards covering the latest technology for Mine Safety, referenced throughout Canada




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ISO TC 82 (International Standards)



- Opportunity to influence ISO standards on mining
- Canada participates at ISO
- Mirror committee
- Members welcomed





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ISO TC 82 Scope includes 

- Specifications relating to specialized mining machinery and equipment used in opencast mines (e.g. conveyors, high wall miners, rock drill rigs and continuous surface miners) and all underground mining machinery and equipment for the extraction of solid mineral substances, but excluding the preparation and processing of the minerals;
- Recommended practice in the presentation of plans and drawings used in mine surveying;
- Methods of calculation of mineral reserves;
- Mine reclamation management;
- Design of structures for mining industry.

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CSA Standards Solutions 




Standards & Codes

- Certification of People**
- Certification of Products**
- Application Tools**
Handbooks
Smart CD
Mobile Publications
- Training**
Seminars
eLearning Courses
Customized Training
- Express Documents**

Tailored Solutions to meet needs

Partnerships to develop sector based Solutions



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Communities of Interest





- <https://community.csagroup.org>
- Total COI registered users: Over 24,000
- *OHS View Access* – public can view OHS mining safety safety standards referenced in legislation (supported by regulators)



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Participation and Funding



- CSA Group welcomes new Members to participate in developing and updating Mining Standards for Canada



- CSA Group welcome funder to develop and update Mining Standard for Canada



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Recap



- MAP – Mining Advisory Panel update
- CSA Mining Standards – status
- CSA Standards across Canada
- CSA Solutions (e.g. Express Docs)
- Communities of Interest



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Merci

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