



DIESEL ENGINE CERTIFICATION PROGRAM

CHALLENGES



- Regulatory -
Operators at underground mines must meet air quality safety requirements.



- Technology Certification -
As new engines are developed, they must be tested and certified safe for use in mines.

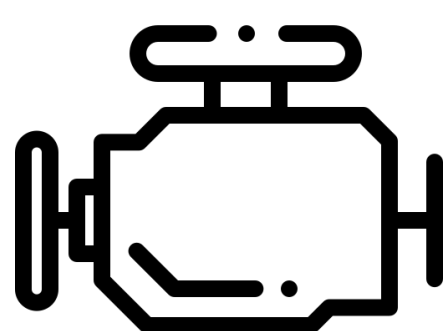


- Health and Safety -
Diesel particulates are classified as Group 1 carcinogens.

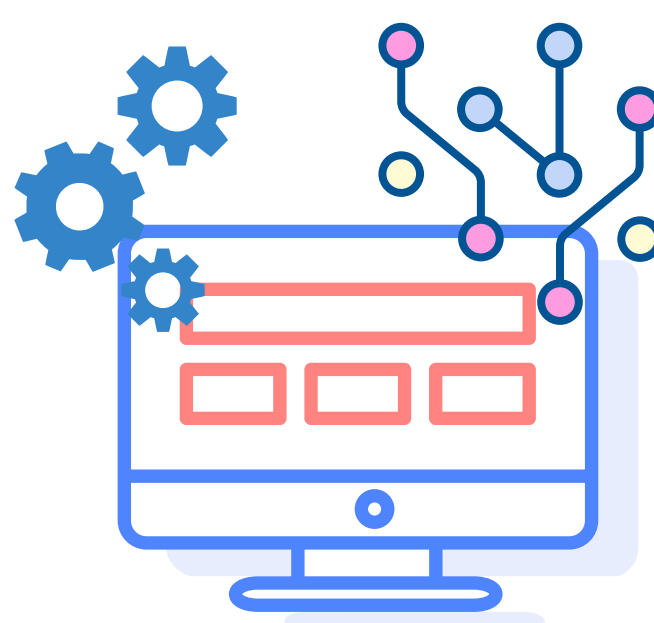
CanmetMINING leadership

- Providing diesel engine certification for use in Canadian mines -
Operating the only dynamometer facility in Canada (ISO 17025) accredited to perform specialized testing services and certification of diesel engines destined for use in underground mines

ACHIEVEMENTS



Certification for over 300 engines produced by 14 manufacturers



R&D to assess technology applications and fuel formulations to control and reduce diesel emissions



Development of novel test protocols for new engines that require certification

IMPACT



Recognized leader in providing independent validation and certification for diesel engines for use in Canadian underground mines

Sought-after technical expertise in the development of new standards to drive the development of cleaner, more efficient engine technologies, improved worker health and safety, and lower greenhouse gas emissions

Find out more about our research:
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