

MSHA Testing & Approval

Your Ex guide to
MSHA Testing &
Approval



What is MSHA Approval?

The role of the U.S. Department of Labor's Mine Safety and Health Administration (MSHA) is to enforce safety and health rules for all US mines. All electrical products manufactured for use in hazardous areas of underground mines in the US must be approved by MSHA.

Assessment, testing and documentation shall be in accordance with the requirements of ASAP2016.

What information is required for MSHA approval?

- Drawings and circuit diagrams, detailed to a level to determine compliance
- Technical supporting documents, e.g. material certificates
- Copies of component certificates
- Samples (where testing is applicable)
- Equipment instruction manual
- Application and project with MSHA
- Label drawing

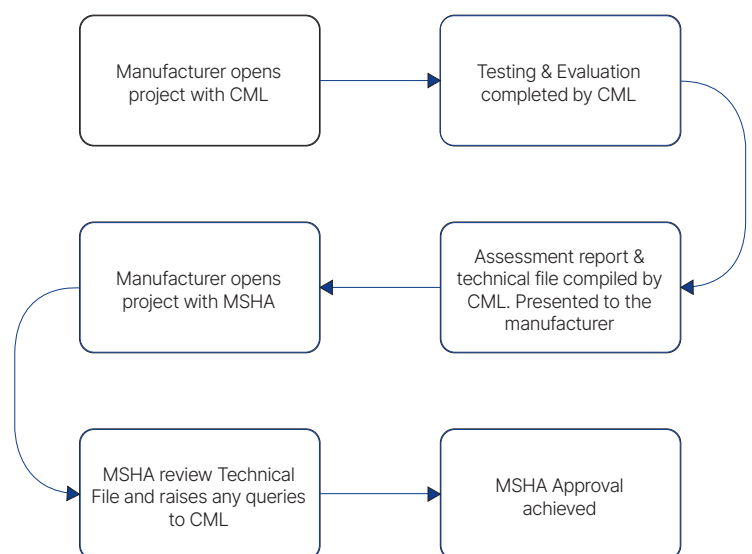
What are the benefits of working with Eurofins E&E CML for MSHA approval?

Eurofins E&E CML have a wealth of experience in certifying Ex equipment for mining applications, and a strong understanding of MSHA requirements.

Undertaking the testing and evaluation process with Eurofins E&E CML provides a clear and effective route to certification with MSHA.

- Timescale – Projects can be started early and progressed quickly
- Resource – A team of engineers that are experienced with the MSHA requirements
- Communication – Regular, clear and constructive communication
- Process – A clearly defined certification process

What is the process when working with Eurofins E&E CML for MSHA approval?



Other useful information

- A project should be opened directly with MSHA, in order for them to assess the Technical File produced by Eurofins CML, and issue approval.
- Testing requirements are often different to those associated with the IECEx scheme, and additional testing is frequently required.
- Examples of equipment commonly requiring approval include lights, batteries, panels, gas detectors, breathing apparatus, motors, and face cutters.

Contact us to discuss your MSHA projects

With decades of experience in global Ex certification, Eurofins E&E CML helps manufacturers streamline market access.

Our comprehensive solutions, coupled with a team of expert engineers help you obtain the certifications, approvals and market access you need.

To find out more about our MSHA testing and approval services, contact us today.