

U.S. Department of Labor

Mine Safety and Health Administration
Approval and Certification Center
765 Technology Drive
Triadelphia, West Virginia 26059



REVISED: January 10, 2020

Approval No. 18-ISA200001-0
A&CC PAR No. 111783

January 8, 2020

Conspec Controls Ltd.
Attention: Mr. Andy Di Cesare
3390 South Service Rd.
PH3 Burlington Ontario,
Canada L7N 3J5

Dear Mr. Di Cesare:

The review of your application requesting an intrinsic evaluation of your Model MGM-0WG, MGM-2 and MGM-6 Monitors, Company Application Code No. 170622, is complete.

The design of the Model MGM-0WG, MGM-2 and MGM-6 Monitors meet the requirements of Title 30 Code of Federal Regulations, Part 18.68 (30 CFR Part 18.68). We assign Intrinsic Safety Evaluation No. 18-ISA200001-0 to this design.

The following apply to Intrinsic Safety Evaluation No. 18-ISA200001-0:

1. You must build each Model MGM-0WG, MGM-2 and MGM-6 Monitors bearing this Intrinsic Safety Evaluation number according to the drawings and specifications on file at the Mine Safety and Health Administration (MSHA) Approval and Certification Center. A list of these drawings and specifications is enclosed.
2. The Model MGM-0WG, MGM-2 and MGM-6 Monitors shall be conspicuously labeled to show your company's name, model or part number, and the assigned MSHA Intrinsic Safety Evaluation Number.
3. You are not permitted to make changes to the design of the Model MGM-0WG, MGM-2 and MGM-6 Monitors without our approval.
4. We may require you to make changes to the design, or to modify the Model MGM-0WG, MGM-2 and MGM-6 Monitors in the field, in the interest of safety.
5. We have the right to revoke this intrinsic safety evaluation, for cause, at any time.
6. This letter does not authorize you to advertise the Model MGM-0WG, MGM-2 and MGM-6 Monitors as permissible for use in underground gassy mines or as being approved or certified by the Mine Safety and Health Administration (MSHA). This Model MGM-0WG, MGM-2 and MGM-6 Monitors must be evaluated and accepted as part of an MSHA Mine-Wide Monitoring System.

7. The following requirements apply to the use of this Model MGM-0WG, MGM-2 and MGM-6 Monitors:
 - a. The Model MGM-0WG, MGM-2 and MGM-6 Multi-Gas Monitors must be constructed and maintained in accordance with the drawings and specifications on file at MSHA for this investigation.
 - b. The Model MGM-0WG, MGM-2 and MGM-6 Multi-Gas Monitors are MSHA approved for use with power connection to the Model 911150 Blue Outstation Barrier Assembly only.
 - c. The cables connecting to external circuits shall be Conspec Controls Ltd. **P1209** with MSHA Acceptance No. 215/1-MSHA only.
 - d. The 100 ft. cable between the Model MGM-6 and the T1459-M Air Velocity Monitor must be MSHA approved flame-resistant cable or enclosed in MSHA-approved flame-resistant hose conduit.
 - e. The Model MGM-0WG, MGM-2 and MGM-6 Multi-Gas Monitors shall be marked that they are not accepted by MSHA for compliance with 30 CFR 75.351 or 75.1103.
 - f. A minimum distance of 39.34 inches shall be maintained between the Model MGM-0WG Monitor and any blasting circuits, explosives, and detonators.

You will receive an invoice for the cost to process your application.

If you have any comments or questions relative to this letter, please contact Terry Garrison at 304-547-2016.

Sincerely,



Dennis L. Ferlich
Chief, Approval and Certification Center

Enclosures