



# Certificate of Compliance

## FIRE PROTECTION EQUIPMENT

This certificate is issued for the following equipment:

Flame Detector model FlameGard 5 UV/IR

*Approval Guide* Listing: Category: *Electrical Signaling/Alarm Signal Initiating Devices/Fire Detection, Flame-Actuated*

Flame detector model FlameGard 5 UV/IR. Flame detector model FlameGard 5 UV/IR use firmware 71424, Rev. A. The detector operates from 20 to 36 V dc (24 V dc nominal) via connection to a compatible FM Approved control panel providing separate power circuits and latching initiating device circuits. The detector enclosure is rated Type 4X for use in indoor and outdoor locations, in ambient temperatures from -40° to 185°F (-40° to 85°C). Explosionproof, suitable for use in Class I, Divisions 1, Groups B, C and D; and dust-ignitionproof, suitable for use in Class II/III, Divisions 1, Groups E, F, and G hazardous (classified) locations.

Approved for: Mine Safety Appliances Company  
1000 Cranberry Woods Drive,  
Cranberry Township,  
Pennsylvania 16066, USA

This certifies that the equipment described has been found to comply with the applicable requirements, as stated in the Approval Report(s), of the following FM Approval Standards and other documents:

<i>Approval Standards</i>		<i>Other Standards</i>	
<i>Class Number</i>	<i>Date</i>	<i>Organization, Designation</i>	<i>Date</i>
3260	August 2000	ANSI/FM 3260	February 2004
3600	November 1998	ANSI/NEMA 250	1991
3615	March 1989	ANSI/NFPA 72	2002

Original Approval Job Identification: 3041816

Approval Granted: March 11, 2011

Subsequent Revisions:

A handwritten signature in dark ink, appearing to read "D. Waite".

David Waite  
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*Member of the FM Global Group*