



Member of the FM Global Group

FM Approvals  
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# CERTIFICATE OF COMPLIANCE

## HAZARDOUS (CLASSIFIED) LOCATION ELECTRICAL EQUIPMENT

This certificate is issued for the following equipment:

***Model 5133. VPAC II Valve Leak Detector.***

IS/I/1/ABCD/T3 Ta = 55°C – 5133-6000

*Conditions of Use:*

- 1. The Model 5133 VPAC II Valve Leak Detector housing contains aluminum and is considered a potential risk of ignition by impact or friction. Care must be taken into account during installation and use to prevent impact and friction.*
- 2. The Model 5133 VPAC II Valve Leak Detector may only be used with the Model D9203-IS VPAC Resonant AE Sensor, Model DS9241-IS Low Frequency VPAC AE Sensor and Model VS9203-IS Valve-squeak Sensor with waveguide.*

### Equipment Ratings:

Intrinsically Safe for use in Class I, Division 1, Groups A, B, C and D; Temperature Class T4 Ta = 55°C in accordance with Control Drawing No. 5133-6000 Hazardous (Classified) Locations.

### FM Approved for:

Mistras Group Inc  
Princeton Junction, NJ United States



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This certifies that the equipment described has been found to comply with the following Approval Standards and other documents:

Class 3600	1998
Class 3610	2010
Class 3810	2005

Original Project ID: 0003041154

Approval Granted: September 26, 2011

Subsequent Revision Reports / Date Approval Amended

Report Number	Date	Report Number	Date
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FM Approvals LLC

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J.E. Marquedant  
Group Manager, Electrical

26 September 2011

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Date