



IECEX Certificate of Conformity

INTERNATIONAL ELECTROTECHNICAL COMMISSION IEC Certification System for Explosive Atmospheres

for rules and details of the IECEx Scheme visit www.iecex.com

Certificate No.: **IECEX FMG 24.0013X** Page 1 of 3 [Certificate history:](#)
Status: **Current** Issue No: 0
Date of Issue: 2024-09-18
Applicant: **MISTRAS Group Inc.**
195 Clarksville Rd
Princeton Junction, NJ 08550
United States of America
Equipment: **Model VPAC II Valve Leak Detector**
Optional accessory:
Type of Protection: **Intrinsic safety (Ex ia)**
Marking: **Ex ia IIC T3 Ga -20°C ≤ Ta ≤ +55°C**

Approved for issue on behalf of the IECEx
Certification Body:

J. E. Marquedant

Position:

VP, Manager - Electrical Systems

Signature:
(for printed version)

Date:
(for printed version)

1. This certificate and schedule may only be reproduced in full.
2. This certificate is not transferable and remains the property of the issuing body.
3. The Status and authenticity of this certificate may be verified by visiting www.iecex.com or use of this QR Code.



Certificate issued by:

FM Approvals LLC
One Technology Way
Norwood MA 02062
United States of America





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Date of issue: 2024-09-18

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Manufacturer: **MISTRAS Group Inc.**
195 Clarksville Rd
Princeton Junction, NJ 08550
United States of America

Manufacturing
locations:

This certificate is issued as verification that a sample(s), representative of production, was assessed and tested and found to comply with the IEC Standard list below and that the manufacturer's quality system, relating to the Ex products covered by this certificate, was assessed and found to comply with the IECEX Quality system requirements. This certificate is granted subject to the conditions as set out in IECEX Scheme Rules, IECEX 02 and Operational Documents as amended

STANDARDS :

The equipment and any acceptable variations to it specified in the schedule of this certificate and the identified documents, was found to comply with the following standards

[IEC 60079-0:2017](#) Explosive atmospheres - Part 0: Equipment - General requirements
Edition:7.0

[IEC 60079-11:2011](#) Explosive atmospheres - Part 11: Equipment protection by intrinsic safety "i"
Edition:6.0

This Certificate **does not** indicate compliance with safety and performance requirements other than those expressly included in the Standards listed above.

TEST & ASSESSMENT REPORTS:

A sample(s) of the equipment listed has successfully met the examination and test requirements as recorded in:

Test Report:

[US/FMG/ExTR24.0016/00](#)

Quality Assessment Report:

[GB/FME/QAR19.0022/02](#)



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EQUIPMENT:

Equipment and systems covered by this Certificate are as follows:

Model VPAC II Valve Leak Detector

SPECIFIC CONDITIONS OF USE: YES as shown below:

1. The Model 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 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.