



DET NORSKE VERITAS

EC-TYPE EXAMINATION CERTIFICATE

[2] **EQUIPMENT OR PROTECTIVE SYSTEM INTENDED FOR USE IN POTENTIALLY EXPLOSIVE ATMOSPHERES DIRECTIVE 94/9/EC**

[3] EC-Type Examination Certificate Number: **DNV-2003-OSL-ATEX-0258** Rev. 1

[4] Equipment or Protective System: **Pressure Transmitter xT23xx**

[5] Applicant – Manufacturer or Authorized representative: **Stellar Technology, Inc.**

[6] Address: **237 Commerce Drive
Amherst, New York, 14228 USA**

[7] This equipment or protective system and any acceptable variation thereto is specified in the schedule to this certificate and the documents therein referred to.

[8] DNV, notified body number 0575 in accordance with Article 9 of Council Directive 94/9/EC of 23 March 1994, certifies that this equipment or protective system has been found to comply with the Essential Health and Safety requirements relating to the design and construction of equipment and protective systems intended for use in potentially explosive atmospheres given in Annex II to the Directive.

The examination and test results are recorded in confidential reports listed in section 14.

[9] Compliance with the Essential Health and Safety Requirements has been assured by compliance with:
EN 60079-0: 2009 and EN 60079-1:2007

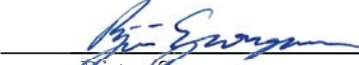
[10] If the sign “X” is placed after the certificate number, it indicates that the equipment or protective system is subject to special conditions for safe use specified in the schedule to this certificate.

[11] This EC-TYPE EXAMINATION CERTIFICATE relates only to the design and construction of the specified equipment or protected system. If applicable, further requirements of this Directive apply to the manufacturer and supply of this equipment or protective system.

[12] The marking of the equipment or protective system shall include the following:

 **II 2 G Ex d IIC T5 Gb (Tamb -40°C to +85°C)**

Høvik, 2013-08-26
for Det Norske Veritas AS


Bjørn Spongsveen
Certification Manager



Notice: This Certificate is subject to terms and conditions overleaf. Any significant change in design or construction may render this Certificate invalid.

The digitally signed and electronically distributed document is the original and valid certificate. Ref.: www.dnv.com/digitalsignatures

If any person suffers loss or damage which is proved to have been caused by any negligent act or omission of Det Norske Veritas, then Det Norske Veritas shall pay compensation to such person for his proved direct loss or damage. However, the compensation shall not exceed an amount equal to ten times the fee charged for the service in question, provided that the maximum compensation shall never exceed USD 300.000. In this provision "Det Norske Veritas" shall mean the Foundation Det Norske Veritas as well as all its subsidiaries, directors, officers, employees, agents and any other acting on behalf of Det Norske Veritas.



[13]

Schedule

[14] **EC-TYPE EXAMINATION CERTIFICATE No.:** DNV-2003-OSL-ATEX-0258

Rev. 1

Certificate History

Revision	Description	Report no.	Issue date
-	Original Certificate	2004-3266 Rev 1	2004-06-16
1	Update to EN 60079 Series Standards	2004-3266 Rev 2	2013-08-26

[15] Description of Equipment or Protective System

The Stellar Technology Series xT23xx is an industrial pressure transmitter available in current output or voltage output rated for hazardous location service. The apparatus is available in absolute, sealed, gauge, true gauge, and differential zero pressure reference. The apparatus is entirely manufactured from high-grade stainless steel and super alloys and includes a 1/2"-NPT entry for electrical interconnection.

Note: Only Ex d certified cable glands are to be used for connection to the xT23xx-xxx pressure transmitter.

Type Identification

xT23xx-xxx

Routine Tests

A routine pressure test of 20 bar shall be performed on all samples of the enclosure according to EN 60079-1:2007 Clause 16.

[16] **Project No.:** PRJC-305413-2011-PRC-USA

Descriptive Documents

Number	Title	Rev.	Date
218803	Diagram, nameplate XT23XX, ATEX	G	2013-07-23
221015	Detail, Certification XT23XX-XXX	B	2012-03-01

[17] Special Conditions for Safe Use

None

[18] Essential Health and Safety Requirements

See part 9 of this certificate

END OF CERTIFICATE

If any person suffers loss or damage which is proved to have been caused by any negligent act or omission of Det Norske Veritas, then Det Norske Veritas shall pay compensation to such person for his proved direct loss or damage. However, the compensation shall not exceed an amount equal to ten times the fee charged for the service in question, provided that the maximum compensation shall never exceed USD 300.000. In this provision "Det Norske Veritas" shall mean the Foundation Det Norske Veritas as well as all its subsidiaries, directors, officers, employees, agents and any other acting on behalf of Det Norske Veritas.