

EU-Type Examination Certificate

- [2] EQUIPMENT OR PROTECTIVE SYSTEM INTENDED FOR USE IN POTENTIALLY EXPLOSIVE ATMOSPHERES DIRECTIVE 2014/34/EU
- [3] EU-Type Examination Certificate Number: Presafe 16 ATEX 8602 Issue 1
- [4] Product: *T2450 Transmitters
- [5] Manufacturer: LORD Corporation, Stellar Technology
- [6] Address: 237 Commerce Drive
Amherst, New York, 14228, USA
- [7] This product and any acceptable variation thereto is specified in the schedule to this certificate and the documents therein referred to.
- [8] DNV GL Presafe AS, notified body number 2460, in accordance with Article 17 of Directive 2014/34/EU of the European Parliament and of the Council, dated 26 February 2014, certifies that this product has been found to comply with the Essential Health and Safety Requirements relating to the design and construction of products 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 16.
- [9] Compliance with the Essential Health and Safety Requirements has been assured by compliance with:
EN 60079-0:2012 + A11:2013 and EN 60079-11:2012
- [10] If the sign "X" is placed after the certificate number, it indicates that the product is subject to the Specific Conditions of Use specified in the schedule to this certificate.
- [11] This EU - TYPE EXAMINATION CERTIFICATE relates only to the design and construction of the specified product. Further requirements of the Directive apply to the manufacturing process and supply of this product. These are not covered by this certificate.
- [12] The marking of the product shall include the following:

 II 1 G Ex ia IIC T4 Ga (T_{amb} = -40°C to +85°C)

Date of issue:
2018-10-15



Asle Kaastad
For DNV GL Presafe AS
The Certificate has been digitally signed.
See www.presafe.com/digital_signatures for more info

This certificate may only be reproduced in its entirety and without any change, schedule included.

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[13] Schedule

[14] EU-TYPE EXAMINATION CERTIFICATE No.: Presafe 16 ATEX 8602 Issue 1

[15] Description of Product

The Stellar Technology *T2450 is a family of instrumentation products that includes Pressure Transmitters, Temperature Transmitters, Load Cells and Strain Gauge Amplifiers that have 4-20mA output and are rated for hazardous location service. All products in the family are provided with a metallic enclosure and either integral cable or a receptacle for electrical termination.

Type designation

*T2450

Electrical Data

$U_i = 28V$, $I_i = 93mA$, $P_i = 651mW$, $C_i = 41.5nF$, $L_i = 1.41mH$

[16] Report No.: 2016-3115, Issues 00 and 01

Project No.: PRJC-305413-2011-PRC-USA

[17] Specific Conditions of Use

None

[18] Essential Health and Safety Requirements

Essential Health and Safety Requirements (EHSRs) are covered by the standards listed at item 9

[19] Drawings and documents

Number	Title	Rev.	Date
218988	Diagram, Nameplate, xT2450, ATEX, IECEx	E	2017-08-24
220218	Diagram, Installation, xT2450	D	2017-08-24
249853	Detail, Certification, Electrical, Module, Current, IS, Industrial	C	2017-12-12
249854	Detail, Certification, Electrical, Module, Current, IS, Temperature	C	2017-10-20
249855	Detail, Certification, Electrical, Module, Current, IS, Mini	C	2017-10-20
256863	Certification, IS, GT2450 Series	-	2017-08-24
261194	Detail, Certification, Electrical, Module, Current, IS Filter	A	2017-10-20

[20] Certificate History

Issue	Description	Issue date	Report no.
0	Original issue	2017-10-26	2016-3115 Issue 00
1	Minor drawing change not impacting safety	2018-10-15	2016-3115 Issue 01

END OF CERTIFICATE