

- (2) **Equipment and protective systems intended for use in potentially explosive atmospheres
Directive 94/9/EC**

(1) **EC-TYPE EXAMINATION CERTIFICATE**

- (3) Number of the EC type examination certificate: **INERIS 11ATEX0002X**

- (4) Equipment or protective system:

TANK LEVEL GAUGE TYPE SLT

- (5) Manufacturer: **Seojin Instech Co., Ltd**
(6) Address: **91-18 Gunja-dong, Gwangjin-gu
Seoul, Korea**

- (7) This equipment or protective system and any other acceptable alternative of this one are described in the annex of this certificate and the descriptive documents quoted in this annex.

- (8) INERIS, notified body and identified under number 0080, in accordance with article 9 of Council Directive 94/9/EC of the 23rd March 1994, certifies that this equipment or protective system fulfils the Essential of Health and Safety Requirements relating to the design and construction of equipment and protective systems intended for use in potentially explosive atmospheres, described in annex II of the Directive.

The examinations and the tests are consigned in report No 024459/11.

- (9) The respect of the Essential Health and Safety Requirements is ensured by:

- conformity with:

EN 60079-0 : 2009
EN 60079-1 : 2007

- specific solutions adopted by the manufacturer to meet the Essential Health and Safety Requirements described in the descriptive documents.

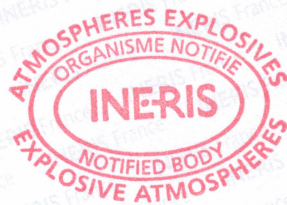
- (10) Sign X, when it is placed following the Number of the EC type examination certificate, indicates that this equipment and protective system is subjected to the special conditions for safe use, mentioned in the annex of this certificate.
- (11) This EC type examination certificate relates only to the design, examination and tests of the specified equipment or protective system in accordance to the directive 94/9/EC. Further requirements of the Directive apply to the manufacturing process and supply of this equipment or protective system, these are not covered by this certificate.
- (12) The marking of the equipment or the protective system will have to contain:

 II 2 G

Verneuil-en-Halatte, 2011.02.17



Director of the Certifying Body,
By delegation
T. HOUEIX
Certification Officer
Certification Division



(13)

ANNEX

(14)

EC TYPE EXAMINATION CERTIFICATE N° INERIS 11ATEX0002X

(15)

DESCRIPTION OF THE EQUIPMENT OR THE PROTECTIVE SYSTEM

Tank level gauge protected by flameproof enclosure and intended to use for the measure of liquid level. The equipment has the protection degrees IP65.

PARAMETERS RELATING TO THE SAFETY

Supply Voltage : 15 to 32 V

MARKING

Marking has to be readable and indelible; it has to include the following indications:

Seojin Instech Co., Ltd


Seoul, Korea

SLT

INERIS 11ATEX0002X

(Serial number)

(Year of construction)

 II 2 G

Ex d IIC T6 Gb

IP 65

T. Amb : -20 °C to +60 °C

WARNING : DO NOT OPEN WHEN ENERGIZED
POWER OFF TO INSTALL & UNINSTALL

Marking may be carried out in the language of the country of use.

The protective system or equipment has also to carry the marking normally stipulated by its construction standards.

ROUTINE EXAMINATIONS AND TESTS

In accordance with clause 16.2 of the EN 60079-1 standard, the equipment defined above is exempted of routine test in owing to the fact that it has undergone a static type test at 4 times the reference pressure under:

- 31.32 bar for the Transmitter Boddy
- 32.48 bar for the Terminal Box.

(16) DESCRIPTIVE DOCUMENTS

The descriptive documents quoted hereafter constitute the technical documentation of the equipment, subject of this certificate.

- Instruction manual (4 pages) Rev 0 dated on 2010.06.25
- Drawing No SSS08SS-S001-Ex Rev.0 dated on 2010.06.21
- Drawing No SSS08PB-T001-Ex Rev.0 dated on 2010.06.21
- Drawing No SSS08PB-T002-Ex Rev.0 dated on 2010.06.21
- Drawing No SSS08PB-T034-Ex Rev.0 dated on 2010.06.21
- Drawing No SSS08PB -S005-Ex Rev.0 dated on 2010.06.21
- Drawing No SSS08PB -S005-2Ex Rev.0 dated on 2010.06.21
- Drawing No SSS08PB -S005-3Ex Rev.0 dated on 2010.06.21
- Drawing No SSS08PB -T006-Ex Rev.0 dated on 2010.06.21
- Drawing No SSS08PB -T006-AEx Rev.0 dated on 2010.06.21
- Drawing No SSS08PB -S026-Ex Rev.0 dated on 2010.06.21
- Drawing No SSS08PB -T032-Ex Rev.0 dated on 2010.06.21
- Drawing No SSS08PB -S008-Ex Rev.0 dated on 2010.06.21
- Drawing No SSS08PB -T011-Ex Rev.0 dated on 2010.06.21
- Drawing No SSS08PB -T033-Ex Rev.0 dated on 2010.06.21
- Drawing No SSS08PB -T003-Ex Rev.0 dated on 2010.06.21
- Drawing No SSS08PB -T004-Ex Rev.0 dated on 2010.06.21
- Drawing No SSS08PB -T005-Ex Rev.0 dated on 2010.06.21

(17) SPECIAL CONDITIONS FOR SAFE USE

The gap and diametrical clearances are less than the values specified in the table 2 of the standard EN 60079-1.

(18) ESSENTIAL SAFETY AND HEALTH REQUIREMENTS

The respect of the Essential Health and Safety Requirements is ensured by:

- Conformity to the standards quoted in clause (9).
- All provisions adopted by the manufacturer and defined in the descriptive documents.