

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: Presafe 14 ATEX 5547 Issue 0
- [4] Equipment or Protective System: Digital Flame Proof UV Flame Detector
- [5] Applicant – Manufacturer or Authorized representative: Gulf Security Technology Co., Ltd.
- [6] Address: No. 80 Changjiang East Road, QETDZ, Qinhuangdao, Hebei, China 066004
- [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 Nemko Presafe AS, notified body number 2460 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 T6 Gb, -20°C ≤ Ta ≤ + 60°C



Ståle Sandstad

For DNV Nemko Presafe AS

Information on electronic signature www.presafe.com



Date of issue: 2015-03-17

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Schedule

[14]

EC-TYPE EXAMINATION CERTIFICATE No.:

Presafe 14 ATEX 5547

Issue 0

Certificate History

Issue	Description	Report no.	Issue date
0	Original issue	D0001503	2015-03-17

[15]

Description of Equipment or Protective System

This certificate covers a Digital Flame-proof UV Flame Detector made in light alloy, and consists of main body with one incorporated cable gland with rubber sealing ring and nut, top cover with a quartz glass lens, and back cover. The main body and back/top cover is connected by threaded joints (M95×1.5). Detection and control circuit are installed inside the enclosure.

Type Identification

DI-9104Exd

Electrical Data

Operating Voltage: 24VDC

Degrees of protection (IP Code)

IP66

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[16] Project No.: D0001503

Descriptive Documents

Number	Title	Rev.	Date	Sheets
F3.780.662	General Assembly	V2	2014-1-20	1
F6.106.247-01	Pressing Nut	V1	2014-1-21	1
F6.106.247-03	Washer	V1	2014-1-21	1
F6.106.675-03	Pressing Ring	V1	2014-1-21	1
F6.106.675-04	Rubber Washer	V1	2014-1-21	1
F6.106.675-05	Lens	V1	2014-1-21	1
F6.106.675-06	Top Cover	V2	2014-1-21	1
F6.106.675-07	Lining Board	V1	2014-1-21	1
F6.106.675-08	Clamp	V2	2014-1-21	1
F6.106.675-09	Stand for Detector	V2	2014-1-21	1
F6.106.675-10	Rubber Sleeves	V1	2014-1-21	1
F6.106.823-01	Bottom	V3	2014-1-21	1
F6.106.823-02	Back Cover	V2	2014-1-21	1
F8.089.194	Sealing Ring	V2	2014-1-21	1
F8.807.1587	Nameplate	V6	2015-3-16	1

Routine Test

Every box must be tested according to EN 60079-1, Clause 16. The test pressure shall be 0.9MPa.
Duration between 10s and 60s

[17] Special Conditions for Safe Use

None

[18] Essential Health and Safety Requirements

See part 9 of this certificate

END OF CERTIFICATE