

# 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 5549X Issue 0
- [4] Equipment or Protective System: Digital Flame-proof Manual Call Point
- [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 and EN 60079-31: 2009
- [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  
II 2 D

Ex d IIB T6 Gb,  $-40^{\circ}\text{C} \leq \text{Ta} \leq +70^{\circ}\text{C}$   
Ex tb IIIC T85°C Db

Ståle Sandstad  
For DNV Nemko Presafe AS  
Information on electronic signature [www.presafe.com](http://www.presafe.com)



Date of issue: 2015-03-17

# EC-Type Examination Certificate

[13]

## Schedule

[14]

EC-TYPE EXAMINATION CERTIFICATE No.:

Presafe 14 ATEX 5549X

Issue 0

### Certificate History

Issue	Description	Report no.	Issue date
0	Original issue	D0001505	2015-03-17

[15]

### Description of Equipment or Protective System

This certificate covers a Digital Flame-proof Manual Call Point made in light alloy, and consists of main body with one incorporated cable gland with rubber sealing ring and one blanking element, middle cover with a drive shaft and a light pipe, and top cover. The main body and middle cover is connected by spigot joints and hexagon socket head cap screws(M5×25). The screws used for the assembly must be of yield stress higher or equal to 700N/mm<sup>2</sup>.

### Type Identification

DI-9204Exd

### Electrical Data

Operating Voltage: 24VDC

### Degrees of protection (IP Code)

IP65

# EC-Type Examination Certificate

[16] **Project No.:** D0001505

## Descriptive Documents

Number	Title	Rev.	Date	Sheets
F2.909.574	General Assembly	V4	2015-3-16	1
F6.106.353-5	Washer	V1	2014-1-21	1
F6.106.378-6-2	Operating Element 1	V1	2014-1-21	1
F6.106.378-11	Pipe Pulg	V2	2014-1-21	1
F6.106.378a-3	Operating Element 2	V1	2014-1-21	1
F6.106.378a-5	Back Cover	V6	2014-1-21	1
F6.106.378a-6-1	Drive shaft	V2	2014-1-21	1
F6.106.378a-7	Rubber Sheath	V2	2014-1-21	1
F6.106.378a-8	Pressing Ring for Rubber Sleeve	V1	2014-1-21	1
F6.106.378a-9	Bracket for Frangible Element	V1	2014-1-21	1
F6.106.378a-10	Light Pipe	V2	2014-1-21	1
F6.106.378a-12	Point Spring	V2	2014-1-21	1
F6.106.378a-13	Rubber Washer	V1	2014-1-21	1
F6.106.378a-14	Reset Spring	V1	2014-1-21	1
F6.106.378a-15	Shoulder Screw M4	V1	2014-1-21	1
F6.106.378a-16	Holder for Light Pipe	V1	2014-1-21	1
F6.106.530-1	Top Cover	V1	2014-1-21	1
F6.106.530-2	Frangible Element	V1	2014-1-21	1
F6.106.530-3	Bottom cover	V2	2014-1-21	1
F8.049.138TY	Reset Key	V2	2014-1-21	1
F8.049.194	Joint	V1	2014-1-21	1
F8.089.194	Seal Ring	V2	2014-1-21	1
F8.807.1120	Nameplate	V5	2015-3-16	1
F8.817.679	Warning Label	V2	2014-1-21	1

## Routine Test

Every box must be tested according to EN 60079-1, Clause 16. The test pressure shall be 0.7MPa.  
Duration between 10s and 60s

## [17] Special Conditions for Safe Use

Repairs of the flameproof joints must be made in compliance with the structural specifications provided by the manufacturer. Repairs must not be made on the basis of values specified in tables 1 and 2 of IEC 60079-1.

## [18] Essential Health and Safety Requirements

See part 9 of this certificate

END OF CERTIFICATE