

# 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 15 ATEX 6173 Issue 0
- [4] Equipment or Protective System: Portable Gas Detector
- [5] Applicant – Manufacturer or Authorized representative: Riken Keiki Co., Ltd
- [6] Address: 2-7-6 Azusawa, Itabashi, Tokyo 174-8744, Japan
- [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 16.
- [9] Compliance with the Essential Health and Safety Requirements has been assured by compliance with: EN 60079-0: 2012 & EN 60079-11: 2012 & EN60079-26: 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 1 G Ex ia IIC T4 Ga -20°C ≤ Ta ≤ +50°C

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



Date of issue: 2015-04-21

# EC-Type Examination Certificate

[13]

## Schedule

[14] **EC-TYPE EXAMINATION CERTIFICATE No.:** Presafe 15 ATEX Issue 0

### Certificate History

Issue	Description	Report no.	Issue date
0	Original issue	D0001552-00	2015-04-21

[15] **Description of Equipment or Protective System**

This certificate covers the portable gas detectors model RX-8500/RX-8600/RX-8700 which are used for measuring flammable gas concentration in hazardous location. The gas detector is an battery-operated handheld portable device and is built up by anti-electrostatic plastic enclosure with minor metal parts such as assembly screws. Two alternative battery units may be used, BUL-8000 (rechargeable Li-ion battery) and BUD-8000 (alkaline dry battery). Replacement or charging of battery unit can be performed by end-users and is only allowed in non-hazardous areas. Safety instructions/warnings must be followed.

### Type Identification

RX-8500, RX-8600, RX-8700

### Electrical Data

Bary operated. BUL-8000 (rechargeable Li-ion battery unit) or BUD-8000 (Alkaline battery unit)  
For BUD-8000: use only Toshiba LR6 AA-batteries.

### Degrees of protection (IP Code)

(Compliance with requirement of IP20 is checked)

[16] **Project No.:** D0001552

### Descriptive Documents

Title	Drawing No.	Rev.	Date
INDEX RX-8500/RX-8600/RX-8700	E3-6991-5469-30-01K	2	2015-03-27

**[17] Specific Conditions for Safe Use**

**[18] Essential Health and Safety Requirements**

See part 9 of this certificate.

This certificate does not include performance certification of gas detectors: Tests , assessments according to EN 60079-29-1, Gas detectors-Performance requirements of detectors for flammable gases and EN 50271: 2010, Electrical apparatus for the detection and measurement of combustible gases, toxic gases or oxygen — Requirements and tests for apparatus using software and/or digital technologies are not covered by this EC-Type Examination Certificate.

END OF CERTIFICATE