

CERTIFICATE

(1) EU-Type Examination

(2) **Equipment or protective systems intended for use in potentially explosive atmospheres - Directive 2014/34/EU**

(3) EU-Type Examination Certificate Number: **KEMA 10ATEX0107 X** Issue Number: **2**

(4) Product: **Electric Actuator type SA05X-.. and type SA09X-..**

(5) Manufacturer: **NOAH ACTUATION Co., Ltd.**

(6) Address: **47, Gilju-ro 425beon-gil, Bucheon-si, Gyeonggi-do, Republic of Korea**

(7) This product and any acceptable variation thereto is specified in the schedule to this certificate and the documents therein referred to.

(8) DEKRA Certification B.V., Notified Body number 0344 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 test report number 213568700 issue 2.

(9) Compliance with the Essential Health and Safety Requirements has been assured by compliance with:

EN 60079-0 : 2006

EN 60079-1 : 2007

except in respect of those requirements listed at item 18 of the Schedule.

(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 2 G Ex d IIB T4

Date of certification: 11 July 2017

DEKRA Certification B.V.

L.G. van Schie
Certification Manager

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(13) **SCHEDULE**

(14) **to EU-Type Examination Certificate KEMA 10ATEX0107 X**

Issue No. 2

(15) **Description**

Electric Actuators type SA05X-.. and type SA09X-.. are designed for quarter turn operating applications such as ball, butterfly, plug valves, dampers and similar usages. The actuators incorporate spur gear assembly, manual socket, position indicator, and drive motor.

Ambient temperature range: -20 °C to +55 °C.

Electrical data

Power supply: 110/220/230 Vac 1 Ph 50/60 Hz, 24 Vac 1 Ph 50/60 Hz, 12/24 Vdc
Duty Cycle(IEC60034-1) : S2 15 min

Installation instructions

The instructions provided with the product shall be followed in detail to assure safe operation.

(16) **Report Number**

No. 213568700 issue 2.

(17) **Specific conditions of use**

- For details on the flamepaths, the manufacturer shall be contacted.
- Fasteners with property class A2-50 shall be used.

(18) **Essential Health and Safety Requirements**

Covered by the standards listed at item (9).

(19) **Test documentation**

As listed in Report No. 213568700 issue 2.

(20) **Certificate history**

Issue 0 - 213568700 Initial certificate
Issue 1 - 510016700-1 Change of the manufacturer's name and address.