

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

(3) EC-Type Examination Certificate Number: **KEMA 04ATEX2103** Issue Number: **2**

(4) Equipment: **Pressurized Enclosure Type EBP-1-A**

(5) Manufacturer: **Electromach B.V., Member of the R. STAHL Technology Group**

(6) Address: **Hamerstraat 10, 7556 MZ Hengelo, The Netherlands**

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

(8) KEMA Quality B.V., notified body number 0344 in accordance with Article 9 of the Council Directive 94/9/EC of 23 March 1994, certifies that this equipment 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 test report number 2021567-2.

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

**EN 50014 : 1997 + A1, A2**  
**EN 50019 : 2000**

**EN 50016 : 2002**  
**EN 50020 : 2002**

**EN 50018 : 2000 + A1**  
**EN 50028 : 1987**

(10) If the sign "X" is placed after the certificate number, it indicates that the equipment 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, examination and tests of the specified equipment according to the Directive 94/9/EC. Further requirements of the directive apply to the manufacturing process and supply of this equipment. These are not covered by this certificate.

(12) The marking of the equipment shall include the following:



**II 2 G EEx p ... IIC T5 ... T3**

This certificate is issued on 4 October 2006 and, as far as applicable, shall be revised before the date of cessation of presumption of conformity of (one of) the standards mentioned above as communicated in the Official Journal of the European Union.

KEMA Quality B.V.

C.G. van Es  
Certification Manager

(13) **SCHEDULE**

(14) **to EC-Type Examination Certificate KEMA 04ATEX2103**

**Issue No. 2**

(15) **Description**

Pressurized enclosure Type EBP-1-A made of stainless or painted steel, for mounting of apparatus or components such as switch- and control gear, measuring instruments, actuator instruments and indicator lights, in type of protection pressurized enclosure "p" with leakage compensation or continuous flow. The purge medium can be instrument air or nitrogen.

The apparatus marking is completed by using the codes "q", "d", "e", "m", "[ia]" and "[ib]", as applicable, depending on the built-in apparatus and components. For intrinsically safe circuits, the area for the terminals is marked, e.g. in the blue colour.

Ambient temperature range:

-20 °C ... +40 °C (standard)

-30 °C ... +60 °C (optional, depends on the used certified components).

The temperature class of the complete apparatus is based on the temperature (class) of the used apparatus/components. The worst temperature is normative.

**Electrical data**

The data are dependent on the built-in components and terminals used and are to be taken from the applicable certificates and manufacturers data.

Rated voltage ..... max. 11 kV

Rated current ..... max. 1250 A

Nominal conductor cross section ..... max. 300 mm<sup>2</sup>

**Installation instructions**

The operating instructions as provided by the manufacturer shall be followed in detail to assure proper and safe operation of the equipment.

The cable entry devices and closing devices shall be certified in type of explosion protection flameproof enclosure "d" or increased safety "e", suitable for the conditions of use and correctly installed.

(16) **Test Report**

KEMA No. 2021567-2.

(17) **Special conditions for safe use**

When a bypass switch is fitted, the apparatus may only be energized by using the bypass switch with permission of the works manager or his proxy. The permission may only be given when it is made sure that during the time the system is energized by using this switch an explosive atmosphere is not present or when the necessary protective measures against explosion hazard have been taken ("hot permit"). In the case a bypass switch is fitted, the EC-Type Examination Certificate Number (3) on the nameplate shall be followed by an "X".



(13) **SCHEDULE**

(14) **to EC-Type Examination Certificate KEMA 04ATEX2103**

**Issue No. 2**

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

Assured by compliance with the standards listed at (9).

(19) **Test documentation**

As listed in Test Report No. 2021567-2.