

# CERTIFICATE

## (1) EC-Type Examination

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

(3) EC-Type Examination Certificate Number: **DEKRA 13ATEX0209** Issue Number: **1**

(4) Equipment: **Control/distribution panels, Series BARTEC B/C/D/E and BARTEC B/C/D/E-ASSEMBLY**

(5) Manufacturer: **Members of the BARTEC group**

(6) Address: **See item (20) of this certificate**

(7) This equipment 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 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 NL/DEK/ExTR13.0080/00.

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

EN 60079-0 : 2009  
EN 60079-2 : 2007  
EN 60079-11 : 2007  
EN 60079-31 : 2009

EN 60079-0 : 2012  
EN 60079-5 : 2007  
EN 60079-18 : 2009

EN 60079-1 : 2007  
EN 60079-7 : 2007  
EN 60079-28 : 2007

(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 Ex d ... [.. G..] IIB + H<sub>2</sub> T6 to T3 Gb (BARTEC B(-ASSEMBLY))  
II 2(..) G Ex d ... [.. G..] IIC T6 to T3 Gb (BARTEC C(-ASSEMBLY))  
II 2(..) D Ex t ... [.. D..] IIIA/B/C T80°C to T130°C Db (BARTEC D(-ASSEMBLY))  
II 2(..) G Ex e ... [.. G..] IIB / IIC T6 to T3 Gb (BARTEC E(-ASSEMBLY))

Additional markings are provided depending on the certified components used in the actual construction.

This certificate is issued on 9 April 2014 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.

DEKRA Certification B.V.

T. Pijpker  
Certification Manager



(13) **SCHEDULE**

(14) **to EC-Type Examination Certificate DEKRA 13ATEX0209**

Issue No. 1

(15) **Description**

The control/distribution panels consist of one (Series BARTEC B/C/D/E) or more (Series BARTEC B/C/D/E-ASSEMBLY) enclosures made of aluminium, stainless steel, sheet steel, carbon steel or black reinforced polyester, as applicable and depending on the type of protection. The enclosures accommodate measuring, control and switchgear as well as terminals for intrinsically and non-intrinsically safe circuits and may be fitted with actuator elements, indicator lights and inspection windows. Field wiring connections are made either direct by means of suitable certified cable entries and/or plugs and sockets or indirect using connection boxes mounted to the main enclosure.

**Technical data**

Rated supply voltage and current:	maximum 1000 Vac / 1500 Vdc, maximum 1000 A
Working voltage:	maximum 25 kV (Ex d and Ex t) or 11 kV (Ex e)
Conductor cross area:	maximum 400 mm <sup>2</sup>
Ambient temperature range:	-55 °C to +80 °C maximum
Degree of ingress protection:	IP54 up to IP66/67

The actual technical data, types of protection, ambient temperature range, IP rating and EPL depend on the applied equipment and components and are indicated on the marking label.

**Installation instructions**

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

(16) **Test Report**

NL/DEK/ExTR13.0080/00.

(17) **Specific conditions of use**

None.

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

Covered by the standards listed at (9).

(19) **Test documentation**

As listed in NL/DEK/ExTR13.0080/00.

(13) **SCHEDULE**

(14) **to EC-Type Examination Certificate DEKRA 13ATEX0209**

Issue No. 1

(20) **Manufacturers**

1. BARTEC NEDERLAND B.V., Boelewerf 25, 2987 VD Ridderkerk, The Netherlands
2. BARTEC Technor AS, Dusavikveien 39, 4007 Stavanger, Norway
3. BARTEC Varnost d.o.o., Cesta 9, Avgusta 59, 1410 Zagorje ob Savi, Slovenia
4. BARTEC Explosion Proof Appliances (Shanghai) Co. Ltd., New Building 7, No. 188 Xinjun Ring Road, Caohejing Pujiang Hi-Tech Park (Pudong Area), Minhang District, 201114 Shanghai, P.R. China
5. BARTEC Pte. Ltd, 63 Hillview Avenue, #07-20/23 Lam Soon Building, 669569 Singapore, Singapore
6. BARTEC GmbH, Max-Eyth-Strasse 16, 97980 Bad Mergentheim, Germany