



1. **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:** ITS14ATEX18140U

4. **Equipment or Protective System:** BEKA Type 'G' Field Enclosure

5. **Manufacturer:** BEKA associates Ltd.

6. **Address:** Old Charlton Road, Hitchin, SG5 2DA, United Kingdom

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. Intertek Testing and Certification Limited, notified body number 0359 in accordance with Article 9 of the 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 Intertek Report G101580622 Issue 1 dated November 2014.

9. Compliance with the Essential Health and Safety Requirements has been assured by compliance with standards EN 60079-0:2012, EN 60079-7:2007, EN 60079-15:2010 and EN 60079-31:2014 except in respect of those requirements referred to at item 16 of the Schedule.

10. The sign "U" placed after the certificate number indicates that this certificate must not be mistaken for a certificate intended for an equipment or protective system. This partial certification may be used as a basis for certification of an equipment or protective system.

11. This EC Type examination certificate relates only to the design, examination and tests of the specified equipment or protective system in accordance to the directive 94/9/EC. Further requirements of the Directive apply to the manufacturing process and supply of this equipment or protective system. These are not covered by this certificate.

12. The marking of the equipment or protective system shall include the following:-

 II 2 G Ex e IIC Gb
 II 3 G Ex nA IIC Gc
 II 1 D Ex ta IIIC Da



A M Smart
Certification Officer
21st November 2014

Intertek Testing & Certification Limited
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SCHEDULE

EC-TYPE EXAMINATION CERTIFICATE NUMBER ITS14ATEX18041U

13. Description of Equipment or Protective System

The BEKA associates Ltd. type 'G' Field Enclosure is an empty enclosure made of 6mm thick non-metallic GRP material with 8mm thick toughened glass window and four push-buttons fitted in the lid part of the enclosure. Enclosure is of rectangular shape with dimensions of approximately 120mm x 115mm x 85mm.

Enclosure lid is fastened to the base with four stainless steel screws located in the corners. There are maximum of two entries within enclosure with nominal diameter of up to 20mm which may be threaded. Four push-buttons are located next to the glass window and they are protected by silicon rubber.

Enclosure material has a surface resistance of less than $10^8 \Omega$ at 50% RH therefore does not create electrostatic discharge hazard. There is no provision for earthing provided.

14. Report Number

Intertek Report Ref: G101580622 Issue: 1 Dated: November 2014.

15. Schedule of Limitations

- Maximum service temperature range for the enclosures is $-40^{\circ}\text{C} \leq T_a \leq +70^{\circ}\text{C}$.
- Enclosure provides minimum degree of protection of IP66. All blanking plugs and cable entry devices must be approved for specific installation area and maintain adequate degree of protection by enclosures.
- Addition of any electrical or mechanical components within enclosure must be re-evaluated by recognized Certification Body.

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16. Essential Health and Safety Requirements (EHSR's)

The relevant EHSR's have been identified and assessed in Intertek Report G101580622 Issue: 1 Dated: November 2014.

17. Drawings and Documents

Title	Drawing No.:	Rev. Level:	Date:
ATEX & IECEx Ex nA, Ex ta & Ex e Certification Information for BEKA G Series Field Enclosure	CI100-08	4	13.11.2014

This Certificate is for the exclusive use of Intertek's client and is provided pursuant to the agreement between Intertek and its Client. Intertek's responsibility and liability are limited to the terms and conditions of the agreement. Intertek assumes no liability to any party, other than to the Client in accordance with the agreement, for any loss, expense or damage occasioned by the use of this Certificate. Only the Client is authorized to permit copying or distribution of this Certificate and then only in its entirety. Any use of the Intertek name or one of its marks for the sale or advertisement of the tested material, product or service must first be approved in writing by Intertek.

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