

# QUALITY ASSURANCE NOTIFICATION

1. **Conformity to type based on quality assurance of the production process (Module D)**
2. **Equipment or Protective System intended for use in potentially explosive atmospheres (Directive 2014/34/EU)**



3. **Notification Number:** ITS10ATEXQ7012 R.0

4. **Explosion protection concept(s) covered by this Notification:**

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

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

7. INTERTEK ITALIA S.p.A., Notified Body n° 2575 in accordance with article 17 of the Directive 2014/34/EU of the European Parliament and Council of the 26 February 2014, confirms that the manufacturer has a quality system which complies with annex IV of the Directive.

8. This notification is based upon Intertek report nr. 105129521LHD-001 dated: 30<sup>th</sup> August 2022.

9. This notification can be withdrawn if the manufacturer no longer satisfies to the requirements of annex IV.

10. The CE marking shall be followed by the identification number 2575 identifying the Notified Body involved in the production control stage required by article 16 of the Directive 2014/34/EU.

11. Results of periodical reassessments of the quality system are a part of this notification.

12. This Notification may only be reproduced in its entirety and without any change, Schedule included.

**Initial issue date:** 30<sup>th</sup> September 2019

**Validity from:** 9<sup>th</sup> September 2022

**Expiry date:** 9<sup>th</sup> September 2025



**P Moss**  
Certification Officer  
Intertek Italia S.p.A. (NB 2575)



PDR N° 277B

Membro degli Accordi di Mutuo Riconoscimento EA, IAF e ILAC

Signatory of EA, IAF and ILAC Mutual Recognition Agreements



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.

**Intertek Italia S.p.A.** Via Miglioli, 2/A - 20063 Cernusco sul Naviglio, Milano - Italy

LFT-EMEA-IT-ATEX-OP-23e (29 August 2019)

Page 1 of 5



## SCHEDULE

NOTIFICATION NUMBER: ITS10ATEXQ7012 R.0

### A1. EXPLOSION PROTECTION CONCEPTS FOR WHICH THE MANUFACTURER HAS BEEN ASSESSED

Intrinsic Safety “ia”, “ib”  
 Flameproof “d”  
 Increased Safety “e”  
 Pressurized enclosures “p”  
 Dust Protection “t”

### A2. IDENTIFICATION OF THE EQUIPMENT OR PROTECTIVE SYSTEMS OR COMPONENTS CONCERNED BY THE NOTIFICATION

PRODUCT OR COMPONENT	TYPE	PROTECTION MODE	EU-TYPE CERTIFICATE NR.
Enclosure	'G' Stainless steel enclosure	II 2 G II 1 D Ex eb IIC Gb Ex ta IIIC Da IP66 Ex pxb IIC Gb Ex pyb IIC Gb -40°C ≤ Ta ≤ +80°C	CML 18ATEX3128U
Power Isolators	BA212 and BA2x3	II 3(1) G Ex ec [ia Ga] IIC Gc -40°C ≤ Ta ≤ +70°C	CML 20ATEX3123U
Power Isolator	BA212 and BA2x3	II (1) G [Ex ia Ga] IIC -40°C ≤ Ta ≤ +70°C	CML 20ATEX2122X
Display Unit	BA3101	II 1 G D Ex ia IIC T4 Ga Ex ia IIIC T135°C Da -40°C ≤ Ta ≤ +65°C	CML 20ATEX2252X
4 Way Power Terminal Accessory	BA3091	II 1 G Ex ia IIC T4 Ga Ta = -40°C to +65°C	CML 20ATEX2253X
CPU Module	BA320x	II 1 G D Ex ia IIC T4 Ga Ex ia IIIC T120°C Da -40°C ≤ Ta ≤ +65°C	CML 20ATEX2254X
AI module 4-20mA	BA3301	II 1 G D Ex ia IIC T4 Ga Ex ia IIIC T135°C Da -40°C ≤ Ta ≤ +65°C	CML 21ATEX2830X
DI Module	BA340x	II 1 G D Ex ia IIC T4 Ga Ex ia IIIC T135°C Da  Ex ia IIC T4 Ga Ex ia IIIC T195°C Da -40°C ≤ Ta ≤ +65°C	CML 21ATEX2110X
DO Module Contact	BA3601	II 1 G D Ex ia IIC T4 Ga Ex ia IIIC T135°C Da -40°C ≤ Ta ≤ +65°C	CML 21ATEX21097X



## SCHEDULE

NOTIFICATION NUMBER: ITS10ATEXQ7012 R.0

AO module 4-20mA	BA3501	II 1 G D Ex ia IIC T4 Ga Ex ia IIIC T135°C Da -40°C ≤ Ta ≤ +65°C	CML 21ATEX21163X
DI Module Totaliser Counter	BA3701	II 1 G D Ex ia IIC T4 Ga Ex ia IIIC T226°C Da -40°C ≤ Ta ≤ +65°C	CML 21ATEX21241X
Sounder	BR385	II 1 G Ex ia IIC T4 Ga -40°C ≤ Ta ≤ +60°C	Sira 06ATEX2032X
Flameproof loop powered indicator	BR323 Series	II 2 G Ex d IIC T6 II 2 D Ex tD A21 IP66 T85°C	ISSeP08ATEX035X
Combined indicator	BA326C	II 1 G Ex ia IIC T5 Ga -40°C ≤ Ta ≤ +60°C	ITS99ATEX2009X
LED Beacon	BA386	II 1 G Ex ia op is IIC T4 Ga -40°C ≤ Ta ≤ +60°C	ITS02ATEX2006X
Serial Text Display	BA484D	II 1 G Ex ia IIC T5 Ga II 1 D Ex ia IIIC T80°C Da IP66 Tamb = -40°C to +60°C	ITS02ATEX2035
Serial Text Display	BA488C	II 1 G Ex ia IIC T5 Ga Tamb = -40°C to +60°C	ITS02ATEX2036X
Field Connection Assembly	01	II 1 G EEx ia IIC (Tamb = -40°C to 60°C)	ITS02ATEX2042U
5051 PSU & Communication Board		II 1 G EEx ia IIC (Tamb = -40°C to 60°C)	ITS02ATEX2043U
Alarm board	01	II 1 G Ex ia IIC Ga Tamb = -40°C to +60°C	ITS02ATEX2044U
CPU & Display		II 1 G EEx ia IIC (Tamb = -40°C to 60°)	ITS02ATEX2045U
Field Connection Assembly	02	II 1 G EEx ia IIC	ITS03ATEX21375U
Simple Power Supply Board		II 1 G EEx ia IIC	ITS03ATEX21376U
Current & Pulse input board	01	II 1 G EEx ia IIC	ITS03ATEX21377U
Batch Controller	BA454D	II 1 G Ex ia IIC T5 Ga II 1 D Ex ia IIIC T80°C IP 66 Tamb = -40°C to +60°C	ITS03ATEX21378



## SCHEDULE

### NOTIFICATION NUMBER: ITS10ATEXQ7012 R.0

Batch Controller	BA458C	II 1 G Ex ia IIC T5 Ga Tamb = -40°C to +60°C	ITS03ATEX21379X
Fieldbus Interface	CI-PC134	II 1 G Ex ia IIC T5 Ga Tamb = -40°C to +60°C	ITS04ATEX22023U
Fieldbus Display	BA484DF	II 1 G, Ex ia IIC T4 Ga II 1 D, Ex ia IIIC T125°C Da -40°C ≤ Ta ≤ 60°C	ITS04ATEX22778
Fieldbus Display	BA488CF	II 1 G Ex ia IIC T5 Ga -40°C ≤ Ta ≤ 60°C	ITS04ATEX22779X
Fieldbus Indicator	BA414DF	II 1 GD Ex ia IIC T4 Ga -40°C ≤ Ta ≤ 70°C Ex ia IIIC T100°C Da IP66 -20°C ≤ Ta ≤ 60°C	ITS06ATEX25313X
Fieldbus Indicator	BA418CF	II 1 G Ex ia IIC T4 Ga -40°C ≤ Ta ≤ +70°C	ITS06ATEX25314X
Communications Isolator	BA201	II (1) G [Ex ia Ga] IIC Tamb: -40°C to +70°C	ITS07ATEX25602
Indicating Temperature Transmitter	BA474D	II 1 G, Ga Ex ia IIC T5, Ta = -40°C to +70°C II (1) G, (Ga) [Ex ia] IIC, II 1 D, Ex iaD 20 T80°C IP66, II (1) D, [Ex iaD], Ta = -20°C to +60°C	ITS09ATEX26155X
Indicating Temperature Transmitter	BA478C	II 1 G, Ga Ex ia IIC T5 Ta = -40°C to +70°C	ITS09ATEX26156X
4 digit Indicator 5 digit Indicator Rate Totaliser	BA304E, BA304G BA324E, BA324G BA354E, BA354G	II 1 GD Ex ia IIC T5 Ga Ex ia IIIC T80°C Da IP66 -40°C ≤ Ta ≤ 70°C	ITS11ATEX27253X
4 digit Indicator 5 digit Indicator Rate Totaliser	BA307E, BA308E BA327E, BA328E BA358E	II 1 GD Ex ia IIC T5 Ga Ex ia IIIC T80°C Da IP20 -40°C ≤ Ta ≤ 70°C	ITS11ATEX27254X
Set Point Stations.	BA407E, BA408E, BA427E and BA428E	II 1 G, Ex ia IIC T5 Ga, -40°C ≤ Ta ≤ +70°C II 1 D, Ex ia IIIC T80°C Da IP20, -40°C ≤ Ta ≤ +70°C	ITS12ATEX27718X
LED Cluster Lamp	BA390 and BA390S	II 1 GD Ex ia IIC T4 Ga Ex ia IIIC T135°C Da	ITS13ATEX27822X
BEKA 195 x 60 robust panel enclosure	-	II 2 G Ex e IIC Gb II 2 G Ex p IIC Gb II 1 D Ex ta IIIC Da	ITS14ATEX17967U



## SCHEDULE

**NOTIFICATION NUMBER: ITS10ATEXQ7012 R.0**

Ex ia rugged panel mounting indicators.	BA307E-SS and BA327E-SS	II 1 G Ex ia IIC T5 Ga II 1 D Ex ia IIIC T80°C Da IP20 -40°C ≤ Ta ≤ 70°C	ITS14ATEX28077X
BEKA 'G' Field Mounting Enclosure	-	II 2 G Ex e IIC Gb II 1 D Ex ta IIIC Da	ITS14ATEX18140U
4 and 5 Digit Rugged Set Point Stations	BA407E-SS BA 427E-SS	II 1 G Ex ia IIC T5 Ga II 1 D Ex ia IIIC T80°C Da IP20 -40°C ≤ Ta ≤ 70°C	ITS15ATEX28365X
'E' Series panel mounting externally powered rate totalisers	BA317E, BA337E, BA367E BA377E, BA318E, BA338E, BA378E, BA388E, BA317E-SS, BA337E-SS, BA367E-SS & BA377E-SS	II 1 G Ex ia IIC T5 Ga II 1 D Ex ia IIIC T80°C Da -40°C ≤ Ta ≤ +60°C	ITS16ATEX28408X
Panel mounting kit for 'G' enclosure	BA494G	II 1 G Ex ia IIC T5 Ga -40°C ≤ Ta ≤ +70°C	ITS17ATEX202599X
4 and 5 digit loop powered field mounted indicators and rate totaliser	BA304SG, BA324SG and BA354SG	II 2 GD Ex eb ib mb IIC T5 Gb Ex ib mb tb IIIC T80°C Db -40°C ≤ Ta ≤ 60°C	ITS19ATEX304891X

### A3. PRODUCTION SITES COVERED BY THIS CERTIFICATE

SITE NUMBER	ADDRESS
1	BEKA associates Ltd. Old Charlton Road, Hitchin, Herts. SG5 2DA, United Kingdom

### A4. DETAIL OF CERTIFICATE CHANGES

**R.0 – (xx<sup>th</sup> September 2022):** Initial release by Intertek Italia S.p.A. NB 2575 based on the re-assessment audit performed in August 2022 and on the certificate legal ownership transferred from Intertek Testing & Certification Ltd. (NB 0359); the same issued original certificate number is used.

# BEKA Associates Ltd.

## Ex AUDIT REPORT

**SCOPE OF WORK**

QAN/QAR surveillance audit

**REPORT NUMBER**

105422834UDI-001

**ISSUE DATE**

20 September 2023

**PAGES**

23

**DOCUMENT CONTROL NUMBER**

TF-IECEX-OP-24p (June 7, 2021)

© 2023 INTERTEK



**CONFIDENTIAL**

IECEx QAR Reference No.: **GB/ITS/QAR06.0002/11**

ATEX QAN Number: **ITS09ATEXQ6173**

UKEX QAN Number: **ITS21UKQAN0102**

Free Reference / Project Number: **G105422834/ Italy job 38033**

**Manufacturer** : BEKA Associates Ltd.  
Include Address with post code  
 Old Charlton Rd  
 Hitchin  
 Herts.  
 SG5 2DA, United Kingdom

**Production Site(s) audited** : BEKA Associates Ltd.  
Include Address with post code  
 Old Charlton Rd  
 Hitchin  
 Herts.  
 SG5 2DA, United Kingdom

**Product Description** : Communication and telemetry equipment (alarm sounders and loudspeakers) Instrumentation, measurement and control equipment. Luminaires, lamps & accessories.  
 Signalling & detection products

**Number of Employees** : Total onsite: 37  
 Total involved in Ex products: 37

**Scope of Audit** :  Initial Assessment  
 Re-Assessment  
 Surveillance Assessment

**Electrical equipment with type(s) of protection of** : d  e  h  i  m  n  o  op   
 p  q  s  t  Other (*Specify*) \_\_\_\_\_  
 Ga  Gb  Gc  Da  Db  Dc

**Audit Team Leader** : Fabrizio Massei

**Audit Date** : 26<sup>th</sup>, 27<sup>th</sup> & 28<sup>th</sup> July 2023

**Contents:**

1. Summary Report
  2. Audit information
  3. Documentation Review and Assessment of Implementation
  4. Observations
- Appendix A: ISO 9001 Certificate

Locations	
<b>Intertek Testing &amp; Certification Ltd</b>	Cleeve Road, Leatherhead, Surrey, KT22 7SA, United Kingdom
<b>Intertek Italia S.p.A.</b>	Via Miglioli, 2/A 20063 Cernusco sul Naviglio Milano, Italy

This report 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 report. Only the Client is authorized to permit copying or distribution of this report 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. The observations and results in this assessment report are based on a sampling process of the available and provided information. This report by itself does not imply that the material, product, or service is or has ever been under an Intertek certification program.

**CONFIDENTIAL**

IECEX QAR Reference No.: GB/ITS/QAR06.0002/11

ATEX QAN Number: **ITS09ATEXQ6173**

UKEX QAN Number: ITS21UKQAN0102

Free Reference / Project Number: G105422834/ Italy job 38033

## SECTION 1

### SUMMARY REPORT

#### Assessment Summary and Conclusions:

(State the most important results and conclusions of the quality assessment)

This surveillance audit was conducted on site and was of 2 day duration, as conducted in conjunction with another Hazardous location certification scheme.

BEKA associates Ltd. is an ISO 9001 accredited company with a long history of manufacture of Ex certified equipment, and a long established and stable quality management system and appears to function in a manner acceptable for the ongoing production of ATEX and IECEx certified product.

The corrective action to the previous audit observation was reviewed and found to be acceptable. One of the previous findings need to be extended to all Ex product where the enclosure is critical for the type pf protection.

From this surveillance audit, one minor non-conformity was raised, along with a few observations.

Corrective action implementation and effectiveness to be verified at the next surveillance audit.

#### Proposed Recommendation:

The existing ATEX QAN, UKQAN and IECEx QAR are to be maintained

**Next Quality Audit due** : Next surveillance audit due before: August 2024  
Recertification audit due before: August 2025