



1 **EC TYPE EXAMINATION CERTIFICATE**

2 Equipment or protective system intended for use in potentially explosive atmospheres –  
Directive 94/9/EC – Annex III

3 EC Type Examination **TRAC13ATEX0044X**  
Certificate No.:

4 Equipment **Flow monitor, GPE3000 series**

5 Manufacturer: **Golden Promise Equipment Inc.**

6 Address: **15 Libella Court, Essex County, Newark, NJ 07105, USA**

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

8 TRaC Global Ltd, Notified Body number 0891 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 or protective system intended for use in potentially explosive atmospheres given in Annex II to the Directive.

The examination and test results are recorded in the confidential report **TRA-015825-33-00A**.

9 Compliance with the Essential Health and Safety Requirements, with the exception of those listed in section 18 of the schedule to this certificate, has been assured by compliance with:

**EN60079-0:2009**

**EN60079-1:2007**

**EN60079-31:2009**

10 If the sign "X" is placed after the certificate number then this indicates that the equipment or protective system is subject to special conditions of safe use specified in the schedule to this certificate.

11 This EC-Type Examination certificate relates only to the design and construction of the specified equipment in accordance with Directive 94/9/EC. Further requirements of this Directive apply to the manufacture and supply of this equipment.

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

**II 2G Ex d IIC T4 Gb**

**II 2D Ex tb IIIC T135°C Db (Ta -30°C to 70°C)**

This certificate and its schedules may only be reproduced in its entirety and without change. This certificate is issued in accordance with the TRaC Ex Certification Scheme.

*S.P. Winsor*

S P Winsor, Certification Officer

Issue date: 2014-01-14

Copy No.: 1e

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13 **SCHEDULE TO EC TYPE EXAMINATION CERTIFICATE**

14 **TRAC13ATEX0044X**

15 **General description of equipment or protective system included within the scope of this certificate**

The equipment is a digital signal processing flow monitor. It is housed inside a flameproof aluminium enclosure with a glass window. Cable entry is by means of a conduit opening size 3/4" NPT.

Equipment rating 30Vdc, 25mA Maximum.

The equipment model number format is GPE30bc-dd with the following options;-

- b = Model  
X = Base  
Z = Advanced
- c = Mount  
R = Remote
- dd = Units of Measure  
CS = Customer Selectable

*A list of controlled Manufacturer's Documents is given in Appendix A to this schedule.*

16 **Test report No.:** TRA-015825-33-00A

17 **"Special Conditions of Safe Use" for Ex Equipment**

1. The equipment must be installed in accordance with EN60079-14:2008 and a suitable conduit seal be installed within 18 inches (458mm) of the enclosure.

18 **Essential health and safety requirements**

Covered by application of the standards listed in section 9 of this certificate and the assessment conducted in the test report listed in section 16 of this certificate.

19 **Additional information**

**"Routine tests", if any:**

None.

**"Special conditions for manufacture", if any:**

None.

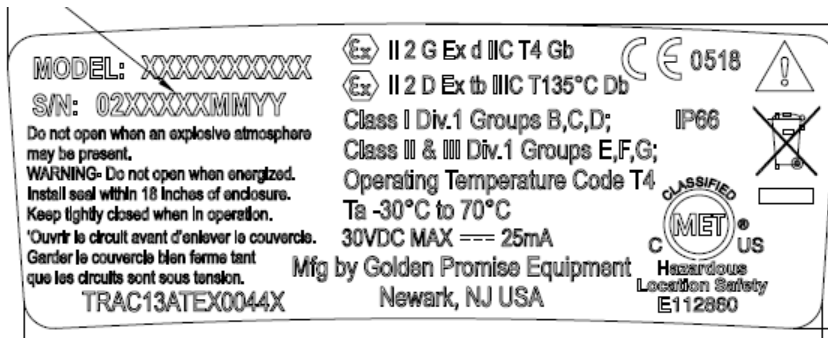
**Other information, if any:**

None.

Photographs



Details of markings



Details of variations to this certificate

This certificate is a consolidated certificate and reflects the latest status of the certification, including the following variations:

Notes to CE marking

In respect of CE Marking, TRaC Global Ltd accepts no responsibility for the compliance of the equipment against all applicable Directives in all applications.

Notes to this certificate

TRaC certification reference: **TRA-015825-32-00**.

Throughout this certificate, the date format yyyy-mm-dd (year-month-day) is used.

This certificate is a consolidated certificate and reflects the latest status of the certification, including all variations.

Conditions of manufacturing and production control are the same as for equipment detailed within certificate

**TRAC12ATEX0017X V1**

CONTINUATION OF SCHEDULE TO CERTIFICATE TRAC13ATEX0044X

**APPENDIX A - LIST OF CONTROLLED MANUFACTURER'S DOCUMENTS**

Title:	Drawing No.:	Rev. Level:	Date:
B3000; Explosion Proof; Basic, Remote Mount	B300118	C	2011-12-05
B3000; Explosion Proof; Advanced, Remote Mount	B300119	C	2011-12-05
B3000; Explosion Proof; Advanced, Remote Mount; VOLUME	B300119-VOL	*	2011-12-05
Enclosure, Instrument; Explosion Proof B3000	B300107	B	2012-03-28
B3000 XP Monitor CPU Board	B300013	E	2011-09-16
Battery, 3.6VDC D-Cell W/ Leads & Molex Connector	B300028	*	2010-03-31
Decal, Model/Serial No.; B3000X ; ATEX model GPE3000	B300137	A	2013-11-13
Cover Plate; ExplosionProof B3000	B300108	A	2011-06-01
Label, Terminals; B3000 Basic XP Monitor	B300109	A	2011-09-15
Label, Terminals; B3000 Advanced XP Monitor	B300110	A	2011-09-15
Installation & Operational Manual (52 pages)	GPE-PM-00022-EN-01	*	2013-03

\* information not provided.