

# EU-TYPE EXAMINATION CERTIFICATE



Equipment or Protective systems intended for use in Potentially  
Explosive Atmospheres - Directive 2014/34/EU

EU-Type Examination Certificate No: FM06ATEX0009

Equipment or protective system: Type 2500 Automatic Tank Gauge  
(Type Reference and Name)

Name of Applicant: Varec, Inc.

Address of Applicant: 5834 Peachtree Corners East  
Norcross, GA 30092  
USA

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

FM Approvals Ltd, notified body number 1725 in accordance with Article 17 of Directive 2014/34/EU of 26 February 2014, certifies that this equipment has been found to comply with the Essential Health and Safety Requirements relating to the design and construction of equipment intended for use in potentially explosive atmospheres given in Annex II to the Directive.

The examination and test results are recorded in confidential report number:

3027121EC dated 11<sup>th</sup> December 2006

Compliance with the Essential Health and Safety Requirements, with the exception of those identified in item 15 of the schedule to this certificate, has been assessed by compliance with the following documents:

EN13463-1:2009

If the sign 'X' is placed after the certificate number, it indicates that the equipment is subject to specific conditions of use specified in the schedule to this certificate.

This EU-Type Examination certificate relates only to the design, examination and tests of the specified equipment or protective system in accordance to the directive 2014/34/EU. 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.

The marking of the equipment or protective system shall include:



II 1 G Ta = -40°C to 85°C



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**Mick Gower**  
Certification Manager, FM Approvals Ltd.

Issue date: 29<sup>th</sup> June 2017

**THIS CERTIFICATE MAY ONLY BE REPRODUCED IN ITS ENTIRETY AND WITHOUT CHANGE**

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# SCHEDULE

to EU-Type Examination Certificate No. FM06ATEX0009

**13 Description of Equipment or Protective System:**

N250001 - 2500 Automatic Tank Gauge, English, Negator Motor  
N250002 - 2500 Automatic Tank Gauge, English, Float Crank  
N250003 - 2500 Automatic Tank Gauge, Metric, Negator Motor  
N250004 - 2500 Automatic Tank Gauge, Metric, Float Crank  
N250005 - 2500 Automatic Tank Gauge, English, Iron Gaugehead  
N250006 - 2500 Automatic Tank Gauge, Metric, Iron Gaugehead  
N250011 - 2500 Automatic Tank Gauge, English, Negator Cassette  
N250013 - 2500 Automatic Tank Gauge, Metric, Negator Cassette  
BM13661-111 Gaugehead, English, Innage, Negator Motor, Aluminum Housing (N250001)  
BM13661-111EXT Gaugehead, English, Innage, Extended Range Negator Motor, Aluminum Housing (N250001)  
BM13661-111OUT Gaugehead, English, Innage, Outage Negator Motor, Aluminum Housing (N250001)  
BM13661-211 Gaugehead, English, Innage, Negator Motor, Cast Iron Housing (N250005)  
BM14514-110 Gaugehead, Metric, Innage, Negator Motor, Aluminum Housing (N250003)  
BM14514-110EXT Gaugehead, Metric, Innage, Extended Range Negator Motor, Aluminum Housing (N250003)  
BM14514-210 Gaugehead, Metric, Innage, Negator Motor, Cast Iron Housing (N250006)  
BM18909-111 Float Crank Gaugehead, English, Innage, Negator Motor, Aluminum Housing (N250002)  
BM18910-110 Float Crank Gaugehead, Metric, Innage, Negator Motor, Aluminum Housing (N250004)  
10-10712-01 Gaugehead, English, Innage, Negator Cassette, Aluminum Housing (N250011)  
10-10712-01OUT Gaugehead, English, Outage, Negator Cassette, Aluminum Housing (N250011)  
10-10712-02 Gaugehead, Metric, Innage, Negator Cassette, Aluminum Housing (N250013)

**14 Specific Conditions of Use:**

None.

**15 Essential Health and Safety Requirements:**

The relevant EHSRs that have not been addressed by the standards listed in this certificate have been identified and assessed in the confidential report identified in item 8.

**16 Test and Assessment Procedure and Conditions:**

This EU-Type Examination Certificate is the result of testing of a sample of the product submitted, in accordance with the provisions of the relevant specific standard(s), and assessment of supporting documentation. It does not imply an assessment of the whole production.

Whilst this certificate may be used in support of a manufacturer's claim for CE Marking, FM Approvals Ltd accepts no responsibility for the compliance of the equipment against all applicable Directives in all applications.

This Certificate has been issued in accordance with FM Approvals Ltd's ATEX Certification Scheme.

**17 Schedule Drawings**

A list of the significant parts of the technical documentation is annexed to this certificate and a copy has been kept by the Notified Body.

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# SCHEDULE

to EU-Type Examination Certificate No. FM06ATEX0009

## 18 Certificate History

Details of the supplements to this certificate are described below:

Date	Description
11 <sup>th</sup> December 2006	Original Issue.
23 <sup>rd</sup> January 2007	<u>Supplement 1:</u> Report Reference: – Supplement 1 to Report No. 3027121EC dated 23 <sup>rd</sup> January 2007 Description of the Change: Addition of the following model N2500006-2500 Automatic Tank Gauge, Metric, Iron Gauge head.
9 <sup>th</sup> December 2009	<u>Supplement 2:</u> Report Reference: – Supplement 2 to 3027121EC dated 9 <sup>th</sup> December 2009 Description of the Change: Minor typographical changes, Material changes and added EX prefix to material drawing.
28 <sup>th</sup> January 2010	<u>Supplement 3:</u> Report Reference: – Supplement 3 to 3027121EC dated 28 <sup>th</sup> January 2010 Description of the Change: Typographical corrections to type references.
23 <sup>rd</sup> April 2013	<u>Supplement 4:</u> Report Reference: – 3027121rev120830 dated 6 <sup>th</sup> February 2013 Description of the Change: Added gauge head model numbers; Updated exploded view & parts list for Type C gauge head; Added accessory material options (316 SS, Monel, Alloy 20); Added tank height for extended range. New product label for Type C gauge head and updated Manual.
14 <sup>th</sup> June 2013	<u>Supplement 5:</u> Report Reference: – 3027121rev130606 dated 12 <sup>th</sup> June 2013 Description of the Change: Update EN 13463-1 to 2009 Edition.
29 <sup>th</sup> June 2017	<u>Supplement 6:</u> Report Reference: – Revision Report RR210134 dated 20 <sup>th</sup> June 2017 Description of the Change: Remove an obsolete drawing, and minor drawing changes, updated certificate to EU format.

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# **Blueprint Report**

**Varec Inc (1000005120)**

**Class No**      **ATEX**

**Original Project I.D.**      **3027121**

**Certificate I.D.**      **FM06ATEX0009**

<u><b>Drawing No.</b></u>	<u><b>Revision Level</b></u>	<u><b>Drawing Title</b></u>	<u><b>Last Report</b></u>	<u><b>Electronic Drawing</b></u>
EX012922	E	2500 ATG Material Certification Drawing	RR210134	Yes (pdf)
EX16-013188	B	Label for Type C Gaugehead	RR210134	Yes (pdf)
IOM001GVAE	1117	Installation and operation manual	RR210134	Yes (pdf)