



# IECEX Certificate of Conformity

## INTERNATIONAL ELECTROTECHNICAL COMMISSION IEC Certification Scheme for Explosive Atmospheres

for rules and details of the IECEx Scheme visit [www.iecex.com](http://www.iecex.com)

Certificate No.:	IECEX CSA 11.0001X	Issue No: 1	<u>Certificate history:</u>
Status:	Current	Page 1 of 5	Issue No. 1 (2015-09-04)
Date of Issue:	2015-09-04		Issue No. 0 (2011-01-21)
Applicant:	<b>Tescom Corporation</b> Industrial Controls Division 12616 Industrial Blvd, Elk River, MN 55330 USA United States of America		
Electrical Apparatus:	<b>Vaporizing Regulator</b>		
Optional accessory:	N/A		
Type of Protection:	<b>Flameproof</b>		
Marking:	<b>Ex d IIB+H2 T3 Gb</b> -20°C to 50°C max (44-58xxExxE and 44-58xxDxxxE1) -20°C to 65°C max (all other models)		

Approved for issue on behalf of the IECEx  
Certification Body:

Dorin Stochitoiu

Position:

Technical Advisor

Signature:  
(for printed version)

Date:

September 04, 2015

1. This certificate and schedule may only be reproduced in full.
2. This certificate is not transferable and remains the property of the issuing body.
3. The Status and authenticity of this certificate may be verified by visiting the [Official IECEx Website](http://www.iecex.com).

Certificate issued by:



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CSA Group  
178 Rexdale Boulevard  
Toronto, Ontario M9W 1R3  
Canada  
and  
1707 - 94th Street  
Edmonton, AB T6N 1E6  
and  
8503 East Pleasant Valley Road,  
Independence, Ohio, USA  
44131-5516  
Canada





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Manufacturer: **Tescom Corporation**  
Industrial Controls Division  
12616 Industrial Blvd,  
Elk River, MN  
55330 USA  
**United States of America**

Additional Manufacturing  
location(s):

This certificate is issued as verification that a sample(s), representative of production, was assessed and tested and found to comply with the IEC Standard list below and that the manufacturer's quality system, relating to the Ex products covered by this certificate, was assessed and found to comply with the IECEx Quality system requirements. This certificate is granted subject to the conditions as set out in IECEx Scheme Rules, IECEx 02 and Operational Documents as amended.

#### STANDARDS:

The electrical apparatus and any acceptable variations to it specified in the schedule of this certificate and the identified documents, was found to comply with the following standards:

**IEC 60079-0 : 2007-10** Explosive atmospheres - Part 0: Equipment - General requirements

Edition:5

**IEC 60079-1 : 2007-04** Explosive atmospheres - Part 1: Equipment protection by flameproof enclosures "d"

Edition:6

*This Certificate does not indicate compliance with electrical safety and performance requirements other than those expressly included in the Standards listed above.*

#### TEST & ASSESSMENT REPORTS:

*A sample(s) of the equipment listed has successfully met the examination and test requirements as recorded in*

#### Test Report:

CA/CSA/ExTR11.0002/00

CA/CSA/ExTR11.0002/01

#### Quality Assessment Report:

NL/DEK/QAR12.0027/02



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## Schedule

### EQUIPMENT:

*Equipment and systems covered by this certificate are as follows:*

The Tescom 44-5800 Series vaporizing regulator is a self-contained, spring loaded, pressure reducing regulator and it is designed to supply heat to samples entering different instrumentation systems. The regulator is made of two major components a heater block and a junction box.

**CONDITIONS OF CERTIFICATION: YES as shown below:**

1. All cable glands used in association with this equipment must be suitably certified and must be capable of maintaining an ingress protection of IP56.
2. The maximum working pressure is 6000psi
3. All cables, cable glands and conductors must have a temperature rating of 75°C or greater



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**DETAILS OF CERTIFICATE CHANGES (for issues 1 and above):**

Issue 1: Temperature Code and ambient temperature were revised. Drawings were revised