



# 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 DEK 11.0010	Issue No: 1	Certificate history: Issue No. 1 (2014-10-04) Issue No. 0 (2011-09-13)
Status:	Current	Page 1 of 4	
Date of Issue:	2014-10-04		
Applicant:	Smitsvonk Holland B.V. Goudstraat 6 2718 RC Zoetermeer The Netherlands		
Electrical Apparatus: <i>Optional accessory:</i>	Ignition Lance and Pilot ignition burner		
Type of Protection:	Ex e		
Marking:	Ex e IIC T6 Gb/- or Ex e IIC T5 Gb/-		

Approved for issue on behalf of the IECEx  
Certification Body:

R. Schuller

Position:

Certification Manager

Signature:  
(for printed version)

  
\_\_\_\_\_

Date:

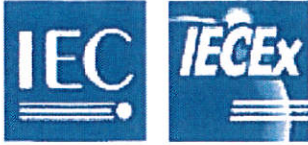
2014-10-04  
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1. This certificate and schedule may only be reproduced in full.
2. This certificate is not transferable and remains the property of the issuing body.
3. The Status and authenticity of this certificate may be verified by visiting the Official IECEx Website

Certificate issued by

DEKRA Certification B.V.  
Meander 1051,  
6825 MJ Arnhem  
The Netherlands





# IECEX Certificate of Conformity

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Manufacturer: Smitsvonk Holland B.V.  
Goudstraat 6  
2718 RC Zoetermeer  
The Netherlands

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 60079-7 : 2006-07 Explosive atmospheres - Part 7: Equipment protection by increased safety "e"  
Edition:4

*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:

NL/DEK/ExTR11.0018/00

Quality Assessment Report:

NL/DEK/QAR13.0008/01



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## Schedule

### EQUIPMENT:

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

The Gas fired igniter, pilot burner or Ignition burner types 54.V13EXE-....., 48.V13EXE-....., L48.V18EXE-..... and 38.VEXE-..... consists of a stainless steel enclosure for electrical connection of the ignition electrode, ionization electrode or thermocouple terminals. Equipment is used to ignite main burners in boilers, furnaces, ground flares and incinerators with negative or over pressure. The ignition lance or spark plug types 26.7EXE-....., 22EXE-....., 17,2EXE-..... and 15EXE-..... consists of a stainless steel enclosure for electrical connection of the ignition electrode. Equipment is used to ignite main burners in boilers, furnaces, ground flares and incinerators with negative or over pressure.

### Marking:

Ex e IIC T6 Gb/- for ambient temperature range -30 °C to +70 °C or

Ex e IIC T6 Gb/- for ambient temperature range -40 °C to +70 °C or

Ex e IIC T5 Gb/- for ambient temperature range -40 °C to +80 °C.

### Electrical data

Working voltage for high energy ignition : max. 2 kV

Working voltage for ionisation signal : max. 320 V

Working voltage for thermocouple signal : max. 320 V

CONDITIONS OF CERTIFICATION: NO



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

- Manufacturer address changed;
- Linked to new issued QAR.