



# 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 TSA 10.0002** issue No.: **0** Certificate history:

Status: **Current**

Date of Issue: **2010-11-12** Page 1 of 3

Applicant: **Cortem SpA**  
Via Aquileia 10  
34070 Villesse (GO)  
Italy

Electrical Apparatus: **Cable Gland Types FL, FLS, FAL, FALS, FALD & FALDS**  
Optional accessory:

Type of Protection: **Ex d, Ex e, Ex tD**

Marking: **Manufacturer (Cortem or Elfit)**  
**Type Identification (FAL, FALD, etc)**  
**Thread size & type (M63, 1/2" NPT, etc)**  
**Ex d IIC / Ex d IIC, Ex e IIC / Ex e II or Ex tD A21**  
**IP66/68**  
**IECEX TSA 10.0002**

Approved for issue on behalf of the IECEx  
Certification Body:

James Zhao

Position:

For Quality and Certification Manager

Signature:  
(for printed version)

Date:

12 December 2010

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:

**TestSafe Australia**  
919 Londonderry Road  
Londonderry NSW 2753  
Australia





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Manufacturer: **Cortem SpA**  
Via Aquileia 10  
34070 Villesse (GO)  
Italy

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:

<b>IEC 60079-0 : 2004</b> Edition: 4.0	Electrical apparatus for explosive gas atmospheres - Part 0: General requirements
<b>IEC 60079-1 : 2007-04</b> Edition: 6	Explosive atmospheres - Part 1: Equipment protection by flameproof enclosures "d"
<b>IEC 60079-7 : 2006-07</b> Edition: 4	Explosive atmospheres - Part 7: Equipment protection by increased safety "e"
<b>IEC 61241-0 : 2004</b> Edition: 1	Electrical apparatus for use in the presence of combustible dust - Part 0: General requirements
<b>IEC 61241-1 : 2004</b> Edition: 1	Electrical apparatus for use in the presence of combustible dust - Part 1: Protection by enclosures "tD"

*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:

AU/TSA/ExTR10.0001/00

Quality Assessment Report:

IT/CES/QAR06.0002/04



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## Schedule

### EQUIPMENT:

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

The 'Cortem' types FL, FLS, FAL, FALS, FALD and FALDS cable glands are suitable for inserting circular cables into Ex d enclosures having threaded entries and Ex e or Ex tD enclosures having either threaded or plain entries. An alternative designation of 'Elfit' types FL, FLS, FAL, FALS, FALD and FALDS may also be used for these glands. The glands may also be used with intrinsically safe circuits, in which case the glands will have specific parts painted light blue. Refer to Annexe for a detailed description of the cable glands.

### CONDITIONS OF CERTIFICATION: NO