



# 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 08.0040 issue No.: 0 Certificate history:

Status: Current

Date of Issue: 2009-05-07 Page 1 of 3

Applicant: Flameproof Engineering Pty Ltd  
Unit 18, 276 New Line Road  
Dural NSW 2158  
Australia

Electrical Apparatus: RJB and SJB Series of Control and Monitoring Equipment  
Optional accessory:

Type of Protection: Ex d t

Marking: Flameproof Engineering  
RJB and SJB Series of Enclosure  
Serial No. -----  
IECEx TSA 08.0040  
Ex d IIC T\* Gb  
Ex tb IIIC T\*\* IP66/67  
- 20 °C ≤ Ta ≤ +40 °C or - 20 °C ≤ Ta ≤ + 60 °C  
T\* (Refer to Table 2), T\*\* (Refer to Table 3)

Approved for issue on behalf of the IECEx Certification Body: Ajay Maira

Position: for Quality & Certification Manager

Signature:  
(for printed version)

Date:

Ajay Maira  
07 May 2009

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:

TestSafe Australia  
919 Londonderry Road  
Londonderry NSW 2753  
Australia





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Manufacturer: **Flameproof Engineering Pty Ltd**

Unit 18, 276 New Line Road  
Dural NSW 2158  
**Australia**

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 product 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 identity 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 60079-0 : 2007-10</b> Edition: 5	Explosive atmospheres - Part 0: Equipment - General requirements
<b>IEC 60079-1 : 2007-04</b> Edition: 6	Explosive atmospheres - Part 1: Equipment protection by flameproof enclosures "d"
<b>IEC 60079-31 : 2008</b> Edition: 1	Explosive atmospheres - Part 31: Equipment dust ignition protection by enclosure "t"

*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/ExTR08.0058/00**  
**AU/TSA/ExTR09.0020/00**

Quality Assessment Report:  
**AU/TSA/QAR09.0001/00**



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## Schedule

### EQUIPMENT:

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

The RJB and SJB series of enclosures are manufactured from aluminium-silicon alloy and are designed to house terminals, control and signalling equipment, and instruments in hazardous areas.

These enclosures are available in different models.

a. RJB01 and RJB11

b. SJB10, SJB18 and SJB23

Threaded entries are provided in the range of M16 to M63 and 3/8" NPT to 2" NPT

Optional glass windows are provided on the cover.

Optional operators CSS series 1000, or series 2000 or series 3000 may be fitted on the plain solid cover.

For more information refer to Annexe of this certificate

CONDITIONS OF CERTIFICATION: NO