



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

Certificate No.: IECEx TSA 08.0044X issue No.: 0 Certificate history:

Status: **Current**

Date of Issue: 2009-07-20 Page 1 of 3

Applicant: **Compac Industries Ltd**
52 Walls Road, Penrose, Auckland 1061
New Zealand

Electrical Apparatus: **Flameproof Power Supply Type C4000**
Optional accessory:

Type of Protection: **Ex d [ib]**

Marking: **Compact Industries Ltd**
C4000 Power Supply
V:220-240 Vac
A: 10 A
Ex d [ib IIA Gb] IIA T4 Gb (-25 °C ≤ Ta ≤ 55 °C) IP66
IECEX TSA 08.0044X
MICRO: Uo = 15.86, Io = 185 mA/ 1.13 Apeak,
Co = 5.65 µF, Lo = 111 µH
PERIPH: Uo = 15.86, Io = 1.85 A,
Co = 11 µF, Lo/Ro = 38 µH/Ω
Serial No:

Approved for issue on behalf of the IECEx
Certification Body:

Robbie Geyer

Position:

for Quality and Certification Manager

Signature:
(for printed version)



20/07/09

Date:

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: **Compac Industries Ltd**
52 Walls Road, Penrose, Auckland 1061
New Zealand

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 : 2004 Edition: 4.0	Electrical apparatus for explosive gas atmospheres - Part 0: General requirements
IEC 60079-0 : 2007-10 Edition: 5	Explosive atmospheres - Part 0: Equipment - General requirements
IEC 60079-1 : 2007-04 Edition: 6	Explosive atmospheres - Part 1: Equipment protection by flameproof enclosures "d"
IEC 60079-11 : 2006 Edition: 5	Explosive atmospheres - Part 11: Equipment protection by intrinsic safety "i"

*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/ExTR08.0062/00

Quality Assessment Report:

AU/TSA/QAR08.0008/00



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Schedule

EQUIPMENT:

Equipment and systems covered by this certificate are as follows:

Refer annexe of this certificate Annexe_IECEX TSA 08_0044X-00 for the equipment description.

CONDITIONS OF CERTIFICATION: YES as shown below:

Refer annexe of this certificate Annexe_IECEX TSA 08_0044X-00 for the conditions of certification.