

Certification of

EXPLOSION PROTECTED ELECTRICAL EQUIPMENT

Administered by: Standards Australia Quality Assurance Services

Certificate of Conformity

Certificate No:	AUS Ex 3556	Issue 0:	Original Issue 17/8/1998
		Issue 1:	20/8/1999
Date of Expiry:	20/8/2008		
Certificate Holder:	Compac Industries Limited 52 Walls Road PENROSE AUCKLAND NEW ZEALAND		
Electrical Equipment:	Flameproof Enclosure Type C4000		
Type of Protection:	Ex d IIA T3 IP66 Class I Zone 1		
Marking Code:	Ex d IIA T3 IP66 AUS Ex 3556		
Manufactured By:	Compac Industries Limited 52 Walls Road PENROSE AUCKLAND NEW ZEALAND		

Issued by:



919 Londonderry Road Londonderry NSW 2753
Phone: (02) 4724 4900 Fax: (02) 4724 4999



STANDARDS AUSTRALIA



Standards Australia Quality Assurance Services Pty Limited A.C.N. 050 611 642

Certification of

EXPLOSION PROTECTED ELECTRICAL EQUIPMENT

Administered by: Standards Australia Quality Assurance Services

Ex 3556-1

This certificate is granted subject to the conditions as set out in Standards Australia Miscellaneous Publication MP 69 and the Procedures (Doc Q7134) of the scheme.

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

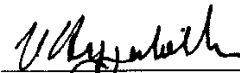
- AS 2380.1-1989 Electrical equipment for explosive atmospheres - Explosion-protection techniques - General requirements (incorporating Amendment 1)
- AS 2380.2-1991 Electrical equipment for explosive atmospheres - Explosion-protection techniques - Flameproof enclosure 'd' (incorporating Amendment 1)
- AS 1828-1984 Electrical equipment for explosive atmospheres - Cable glands (incorporating Amendment 1)
- AS 1939-1990 Degrees of protection provided by enclosures of electrical equipment (IP Code)

This certificate does not ensure compliance with electrical safety requirements and performance other than those included in the Standard(s) listed above

The equipment listed has successfully met the examination and test requirements as recorded in

Test Report No: LOSC 17767 and TestSafe 19163

File Reference: TestSafe 97/8566



Signed for and on behalf of issuing authority
Technical Services Manager
TestSafe Australia

Position

20/8/1999

Date of issue

This certificate and schedule may not be reproduced except in full.

This certificate is not transferable and remains the property of Standards Australia Quality Assurance Services and must be returned in the event of its being revoked or not renewed.

Issued by:



919 Londonderry Road Londonderry NSW 2753
Phone: (02) 4724 4900 Fax: (02) 4724 4999



STANDARDS AUSTRALIA



Standards Australia Quality Assurance Services Pty Limited A.C.N. 050 611 642

Certification of

EXPLOSION PROTECTED ELECTRICAL EQUIPMENT

Administered by: Standards Australia Quality Assurance Services

Schedule

Certificate No: AUS Ex 3556

Issue: 1

Date of Issue: 20/8/1999

Certified Equipment: The Type C4000 Flameproof Enclosure is manufactured from cast aluminium and comprises a base assembly and a lid retained by 16 socket head bolts. The base assembly has up to 10 cable entry points, which can accommodate conventional compression glands or form part of an integral gland system. The enclosure houses electronic components and/or electrical connections rated for operation at up to and including 250 Vac. Output from the electronic circuitry is via a potted cable gland assembly. An 'O'-ring seal between the base and lid provides protection against the ingress of dust and water.

Conditions of Certification:

It is a condition of manufacture that the equipment be subjected to a routine pressure test of 985kPa in accordance with clause 4.3 of AS 2380.2.

Drawing Schedule Relating to Original Issue

Drawing No	Drawing Title	Issue	Date
AP303 Sht 1	C4000 Box – Mounting Holes	A	27/4/98
AP303 Sht 2	C4000 Box – Flange	A	27/4/98
AP303 Sht 3	C4000 Box – Gland Holes	A	27/4/98
AP303 Sht 4	C4000 Box – Lid Details	A	27/4/98
AP303 Sht 5	C4000 Box – Lid Label	B	12/8/98
AP303 Sht 6	C4000 Box – Internal Earth	A	27/4/98
AP303 Sht 7	C4000 Box – External Earth	A	27/4/98
AP303 Sht 8	C4000 Box – Earth Bar	A	27/4/98
AP303 Sht 9	C4000 Box – Traic Heat Sink	A	27/4/98
AP303 Sht 10	C4000 Box – Assembled with PCB's	A	27/4/98
AP305 Sht 1	C4000 Glands Compression Bush Large	A	27/4/98
AP305 Sht 2	C4000 Glands Compression Bush Small	A	27/4/98
AP305 Sht 3	C4000 Glands Gland Nut Large	A	27/4/98
AP305 Sht 4	C4000 Glands Gland Nut Small	A	27/4/98

Issued by:



919 Londonderry Road Londonderry NSW 2753
Phone: (02) 4724 4900 Fax: (02) 4724 4999



STANDARDS AUSTRALIA



Standards Australia Quality Assurance Services Pty Limited A.C.N. 050 611 642

*Certification of***EXPLOSION PROTECTED ELECTRICAL EQUIPMENT**

Administered by: Standards Australia Quality Assurance Services

Ex 3556-1
Addendum to Certificate No.....**Drawing Schedule Relating to Original Issue - continued**

Drawing No	Drawing Title	Issue	Date
AP305 Sht 5	C4000 Glands Sleeve Insert	A	27/4/98
AP305 Sht 6	C4000 Glands Brass Washer	A	27/4/98
AP305 Sht 7	C4000 Glands IS Cable Sleeve	A	27/4/98
AP305 Sht 8	C4000 Glands Blanking Plug	A	27/4/98

Schedule of Variations**Variations Permitted by Issue 1:**

- The equipment may now be exempted from the routine pressure test in accordance with clause 4.3 of AS 23890.2 as it has successfully passed an overpressure test at four times the reference pressure.
- Minor changes to the wording on the marking label.

Drawing Schedule Relating to Issue 1

Drawing No	Drawing Title	Issue	Date
AP303 Sht 1	C4000 Box - Mounting Holes	C	23/7/99
AP303 Sht 2	C4000 Box - Flange	C	23/7/99
AP303 Sht 3	C4000 Box - Gland Holes	C	23/7/99
AP303 Sht 4	C4000 Box - Lid Details	B	12/4/99
AP303 Sht 5	C4000 Box - Lid Label	C	11/8/99

Issued by:



919 Londonderry Road Londonderry NSW 2753
 Phone: (02) 4724 4900 Fax: (02) 4724 4999

**STANDARDS AUSTRALIA**

Standards Australia Quality Assurance Services Pty Limited A.C.N. 050 611 642

Page 4 of 4
Page of