

Certification of

EXPLOSION PROTECTED ELECTRICAL EQUIPMENT

Administered by: Standards Australia Quality Assurance Services

Certificate of Conformity

Certificate No.: **Ex 2503X** Issue 0: **16 August 2000** Original Issue
Issue 1: **11 December 2001** Addition to range

Date of expiry: **16 August 2010**

Certificate Holder: **Compac Industries Limited**
52 Walls Road
PENROSE AUCKLAND
NEW ZEALAND

Electrical Equipment: **'LEGEND' Series Fuel Dispensers**
(See Tables 1 & 2 for models)

Type of Protection and Marking Code: **Ex d m e ia ib (ib) IIA T3 IP23 Type #**
AUS Ex 2503X

A for models listed in Table 1
 B for models listed in Table 2

Manufactured by: **Compac Industries Limited**
52 Walls Road
PENROSE AUCKLAND
NEW ZEALAND

Issued by:



Engineering, Testing and Certification Centre

2 Smith Street, REDBANK, QLD 4301, Australia
Postal Address: PO Box 467, GOODNA, QLD 4300, Australia
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Quality System Certified to
AS/NZS ISO 9001
Certification No 6039

STANDARDS AUSTRALIA



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

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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:

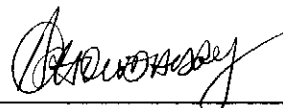
- | | |
|-------------------------|---|
| AS 2229.1 - 1982 | Electrical equipment for explosive atmospheres - Electrical systems of dispensing equipment - Part 1: Flammable liquid dispensing equipment |
| AS 2229.2 - 1988 | Electrical equipment for explosive atmospheres - Electrical systems of dispensing equipment - Part 2: Liquefied petroleum gas dispensing equipment |

This certificate does not ensure compliance with electrical safety and performance requirements other than those included in the standards listed above.

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

Test Report No: E01/0040

File Reference: 01/0176 (P80965)



Signed for and on behalf of issuing authority

**A/Senior Engineer - Certification
Engineering, Testing and Certification Centre**

Position

11 December 2001

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.

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Certificate No.: Ex 2503X

Issue: 1



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Schedule

Equipment:

The enclosure for the Legend series of fuel dispensers is of sheet metal (mild steel or stainless steel) construction. The internal equipment comprises the following:

- **C4000 Fuel Dispenser Control Unit:** A separately certified microprocessor-based device which controls all the electrical functions associated with the fuel dispenser.
- **Separately certified flameproof (Ex d) enclosure:** This enclosure houses equipment associated with the C4000 Fuel Dispenser Control Unit.
- **Separately certified solenoids.**
- **Separately certified motors.**

The original issue of the certificate covers the fuel dispensers listed in Table 1.

Table 1. Range of LEGEND Series Type A Fuel Dispensers

Model	Description of Dispenser	Fluid Dispensed
MD2	Dual, 40 lpm or 80 lpm each or 40 lpm & 80 lpm, non-LPG external pump	Liquid
MP2	Dual, 40 lpm each, non-LPG internal pump	Liquid
MD2LPG	Dual LPG dispenser	LPG
MD4 & MD4N	2 x Dual, 40 lpm or 80 lpm each or 40 lpm & 80 lpm, non-LPG external pumps	Liquid
MP4 & MP4N	2 x Dual, 40 lpm each, non-LPG internal pumps	Liquid
MD6	3 x Dual, 40 lpm or 80 lpm each or 40 lpm & 80 lpm, non-LPG external pumps	Liquid
MP6	3 x Dual, 40 lpm each, non-LPG internal pumps	Liquid
MD6LPG	2 x Dual, 40 lpm or 80 lpm each or 40 lpm & 80 lpm non-LPG external pumps, 1 x Dual LPG dispenser	Liquid & LPG
MP6LPG	2 x Dual, 40 lpm each non-LPG internal pumps, 1 x Dual LPG dispenser	Liquid & LPG

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Certificate No.: Ex 2503X Issue: 1 Date of Issue: 11 December 2001



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Addendum to Certificate No.: **Ex 2503X**

Issue: **1**

Date of Issue: **11 December 2001**

This issue of the certificate covers the addition of a range of models each incorporating a vapour barrier to the Legend Series of fuel dispensers. The additional models are listed in Table 2.

Table 2. Range of LEGEND Series Type B Fuel Dispensers

Model	Description of Dispenser	Fluid Dispensed
MD2V	Dual, 40 lpm or 80 lpm each or 40 lpm & 80 lpm, non-LPG external pump	Liquid
MP2V	Dual, 40 lpm each, non-LPG internal pump	Liquid
MD4V & MD4NV	2 x Dual, 40 lpm or 80 lpm each or 40 lpm & 80 lpm, non-LPG external pumps	Liquid
MP4V & MP4NV	2 x Dual 40 lpm each, non-LPG internal pumps	Liquid
MD6V	3 x Dual 40 lpm or 80 lpm each or 40 lpm & 80 lpm, non-LPG external pumps	Liquid
MP6V	3 x Dual 40 lpm each, non-LPG internal pumps	Liquid

Drawings:

Drawings associated with this issue of the certificate:

DRAWING NO.	DRAWING TITLE	REVISION NO.	DRAWN/ REVISION DATE
AP317 Sheet 1	Legend Approval Drawings Standard Layout	B	29/8/01
AP317 Sheet 2	Legend Approval Drawings Electronics	B	29/8/01
AP317 Sheet 3	Legend Approval Drawings Waterproofing	C	29/8/01
AP317 Sheet 5	Legend Approval Drawings Configuration	B	29/8/01

(DRAWINGS CONTINUED NEXT PAGE)

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DRAWING No.	DRAWING TITLE	REVISION NO.	DRAWN/ REVISION DATE
AP317 Sheet 6	Legend Approval Drawings Vapour Barrier	B	27/11/01
AP317 Sheet 7	Legend Approval Drawings Vapour Barrier	B	27/11/01
AP-318 Sheet 1 of 2	Legend Label	D	27-Nov-01
AP-318 Sheet 2 of 2	Legend Label	A	28-Nov-01

Drawings associated with the original issue of this certificate:

DRAWING No.	DRAWING TITLE	REVISION NO.	DRAWN/ REVISION DATE
AP312 Sheet 2	Hydraulic Modules Dispenser 2x40, 2x80 or 40/80 lpm	B	14/2/00
AP312 Sheet 6	Hydraulic Modules Pump 2x40 lpm	C	14/2/00
AP312 Sheet 9	Hydraulic Modules LPG Dual	A	16/2/99
AP317 Sheet 1	Legend Approval Drawings Standard Layout	A	26/6/00
AP317 Sheet 2	Legend Approval Drawings Electronics	A	26/6/00
AP317 Sheet 3	Legend Approval Drawings Waterproofing	B	7-8-00
AP317 Sheet 4	Legend Approval Drawings Pump Hydraulics	A	26/6/00

(DRAWINGS CONTINUED NEXT PAGE)

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DRAWING NO.	DRAWING TITLE	REVISION NO.	DRAWN/ REVISION DATE
AP317 Sheet 5	Legend Approval Drawings Configuration	A	26/6/00
AP-318	Legend Label	B	7-Aug-00
MxxLPG_Inst.doc Page 1 of 6	LEGEND MxxLPG INSTALLATION SHEET	-	07/08/00
MP-112 Sheet 1	L.P.G. BREAK-AWAY GENERAL CONCEPT	G	3/4/97

Conditions of Certification:

All conditions in the certificates of conformity for separately certified components shall apply.

Additional Information:

Where the LEGEND fuel dispensers are fitted with certified internal components which vary from those fitted when tested (refer SIMTARS test report E00/0022) they shall be tested fully assembled in accordance with clause 5.2 of both AS 2229.1 and AS 2229.2 as appropriate.

The installation of LPG dispensing units must include the following:

- an excess flow valve as required by clause 2.13.2 of AS 2229.2
- a remote pump control switch as required by clause 2.13.3 of AS 2229.2 and
- an overspeed trip as required by clause 2.13.4 of AS 2229.2

The manufacturer shall provide all purchasers with installation instructions which cover the requirements listed above as required by clause 2.13.1 of AS 2229.2.

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