

**Australian/New Zealand
Certification Scheme for
EXPLOSION-PROTECTED ELECTRICAL EQUIPMENT
ANZEx Scheme**

Certificate of Conformity

Certificate No.: ANZEx 09.3026X	Issue No.: 0	Date of Issue: 2010-01-27
	Issue No.: 5	Date of Issue: 2015-07-07

Applicant: Compac Industries Ltd
52 Walls Road, Penrose
Auckland 1061, NEW ZEALAND

Electrical Apparatus: Master Series Fuel Dispensers

Type of Protection: Master Series: Ex ib d mb IP23 Type 1
MASTER COMFUTRA: As above, except that it is a Type 3 Dispenser

Marking Code: Compac Industries Ltd
MASTER
ANZEx 09.3026X – AS/NZS2229
Ex d ib mb [ib Gb] IIA T3 Gb IP23 Type 1 -20°C < Ta < +50 °C or
Ex d ib [ib Gb] IIA T3 Gb IP23 Type 1 -20°C < Ta < +50 °C

When using SIDA motor YBB3371
Ex d ib mb [ib Gb] IIA T3 Gb IP23 Type 1 -20°C < Ta < +40 °C or
Ex d ib [ib Gb] IIA T3 Gb IP23 Type 1 -20°C < Ta < +40 °C

MASTER COMFUTRA: As above, except that it is a Type 3 Dispenser

Manufacturer: Compac Industries Ltd
52 Walls Road, Penrose
Auckland 1061, NEW ZEALAND

Manufacturing Location(s): As above

The EPEE certification database located at <http://www.anzex.com.au> shows the validity of this Certificate.

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	<p>Certificate issued by:</p> <p><i>TestSafe Australia</i> 919 Londonderry Road, Londonderry NSW 2753 Australia Phone: +61 2 4724 4900 Fax: +61 2 4724 4999 http://www.testsafe.com.au</p>	 www.jas-anz.org/register
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This certificate is granted subject to the conditions as set out in Standards Australia/Standards New Zealand Miscellaneous Publication MP87.1:2008.

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:

AS/NZS 2229:2004 Fuel dispensing equipment for explosive atmospheres
(Incorporating Amendment No. 1)

This Certificate does not indicate compliance with electrical safety and performance requirements other than those expressly included in the Standard(s) listed above.

ASSESSMENT & TEST REPORTS:

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

Test Report No. and Issuing Body: 32033, 32794, 33610, 34852, 35185, 35257 TestSafe
Quality Assessment Report No. and Issuing Body: 05.004/2014, TestSafe

File Reference: 2015/007818



Debbie Wouters

Signed for and on behalf of issuing body

07 July 2015

Date of Issue

Acting Quality & Certification Manager

Position

This certificate is not transferable and remains the property of the issuing body and must be returned in the event of it being revoked or not renewed.

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Schedule

EQUIPMENT:

The dispenser comprises of a sheet metal housing made of mild steel or stainless steel. It is 1250 mm in height, 700 mm in width, and 450 mm in depth. The window for the display is made of Lexan (polycarbonate). The hose is suspended from a flexible mast, with the length of the delivery hose set such that the hose does not touch the ground when the nozzle is inserted in its holster. Where the customer specifies, breakaway couplings are inserted in the hose between the suspension at the mast and the nozzle to prevent flow of fuel in case the hose or nozzle are pulled at greater than 1200N.^{Note 1} The nozzle has a construction that prevents delivery of fuel if fallen to the ground, or if the nozzle detects overfilling of a tank.

Peripheral customer operated equipment includes optionally a magnetic card reader, preset keypad, CWIT radio interface.

The housing contains apparatus to measure and control the flow of fuel from the supply tank to the outlet nozzle. The dispensers with internal pumps are designed to be used on sites with underground tanks. Dispensers without internal pumps are designed for sites with submersible pumps in underground tanks or aboveground tanks with external pump.

This design of the dispenser does not depend on the use of vapour barriers, and hence is classified as a Type 1 Dispenser. Therefore all internal electrical components are Ex protected for a minimum of Zone 1.

The dispenser is meant for liquid fuels such as petrol, avgas, ethanol, diesel, JetA1 (kerosene), and their mixtures.

Note 1: The text of this sentence has been changed in Issue 1 of the certificate. Previously it had been specified that all dispensers are fitted with breakaway couplings, but now this is not the case. Only New Zealand customers will be mandatorily provided breakaway couplings, but Australian customers will need to specify this option, if required.

CONDITIONS OF CERTIFICATION:

1. It is a condition of certification that nozzles fitted for dispensers intended for Australia will not have latching nozzles, while those intended for New Zealand allow latching nozzles.
2. Installation instructions available from the manufacturer must be followed.
3. It is a condition of certification that hose assemblies intended for self-serve automotive sites in New Zealand shall be fitted with safe breakaway couplings in accordance with Clause 3.4 of AS/NZS 2229:2004.

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DOCUMENTS:

Drawing Number .	Drawing Title	Issue	Date (yyyy-mm-dd)
- 4 shts	Master Series Fuel Dispensers	-	2010-01-22
AP - 033	Cardreader Mounting Plate	A	1990-05-29
AP-034	Cardreader Cover	A	1990-05-29
AP312 Sht 1	Hydraulic Modules Dispenser 40 or 80 lpm	B	2009-06-03
AP312 Sht 3	Hydraulic Modules Dispenser 160 lpm	B	2009-06-03
AP312 Sht 4	Hydraulic Modules Dispenser 400 lpm	B	2009-06-03
AP312 Sht 5	Hydraulic Modules Pump 40 or 80 lpm	C	2009-06-03
AP312 Sht 7	Hydraulic Modules Pump 160 lpm	C	2009-06-03
AP313 Sht 1	Master Standards External Dimensions	C	2009-06-03
AP313 Sht 2	Master Standards Side Panel Accessories	B	2009-06-03
AP313 Sht 3	Master Standards Wiring and C4000	D	2009-12-13
AP313 Sht 4	Master Standards Pump Variant	D	2009-12-13
AP313 Sht 5	Master Standards Master Configurations	B	2009-06-03
AP-314	Electrical Label for Master	G	2010-01-19
AP328 - 4 shts	Wiring Looms – Single	H	2007-01-05
AP329 - 4 shts	Wiring Looms – Dual	E	2007-01-05
AP331	Wiring Looms – Meter	C	2004-07-08
AP345	Hose Assemblies and Delivery Systems for Master Standards Approval	A	2009-06-03
AP346	High Mast High Mast Screw	A	2009-06-12
AP348	Miscellaneous Labels used on the Master Series of Dispensers	A	2009-08-01
ASM0010A	Master Fascia Panels Marine Fascia Assembly	A	2009-06-12
MP-125 Sht 4	Universal Highmast Hoseclamp Half (Tapped)	A	1995-05-10
MP-125 Sht 5	Universal Highmast Hoseclamp Half (Drilled)	A	1995-05-10

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Drawing Number .	Drawing Title	Issue	Date (yyyy-mm-dd)
MP-125 Sht 6	Universal Highmast Hose Clamp Rubber Insert	B	1995-05-10
MP125-7 Sht 7	Standard Straight Inverted Himast Bracket Details	A	1996-06-21
MP-125 Sht 8	Standard Straight and Inverted Himast Bracket Detail of Bracket for Spring Himast	B	1997-07-22
MP-155 Sht 2	Spring Highmast With Swivel Head Mast for Swivel Head	A	1995-05-12
PDM0056F	C4000 Brackets and Boxes C4000 mounting processor base	C	2009-06-18
PDM0290B	Master Master Front Mounting Rail	D	2009-06-18
PDM0305D	Master Side Pannels Drilling Details	C	2009-07-31
PDM0306B	Master Side Pannels Drilling Details (Marine)	B	2009-06-18
PDM0348A	Master Himast Bracket Gasket	A	2009-05-15
PDM0349A	Master ME-50 Nozzle Holder Gasket	A	2009-05-19
PDM0351A	Marine Fascia Panels Marine Fascia Gasket	A	2009-05-19
PDM0352A	Master Cardreader Gasket	A	2009-05-29
PDM0354B	Master Master Door Lexan window	A	2009-12-11
PDM0355A	C4000 Brackets and Boxes C4000 Processor Lid	C	2009-06-19
PDM0356A	Holsters Nozzle Holster	A	2009-07-31
PDM0396A	Himast Himast tube with Swivel Head Cap	A	2009-10-30
SW004 Sht 2	Master Sheetmetal Assembly Pump Unit	B	2009-05-19
SW004 Sht 3	Master Sheetmetal Assembly Dispenser unit	B	2009-05-19
SW004 Sht 4	Master Sheetmetal Assembly Dispenser 160 lpm	B	2009-05-19

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Drawing Number .	Drawing Title	Issue	Date (yyyy-mm-dd)
SW005 Sht 1	Master Exterior Sheetmetal Master Door	B	2009-05-14
SW005 Sht 4	Master Exterior Sheetmetal Lid	B	2009-05-19
SW005 Sht 5	Master Exterior Sheetmetal Blank Side Panel	E	2009-05-23
SW005 Sht 6	Master Exterior Sheetmetal Side - Standard	C	2009-05-15
SW005 Sht 10	Master Exterior Sheetmetal Side: 400S panel variations	E	2009-05-25
SW006 Sht 1	Master Interior Sheetmetal Base Rail	B	2009-05-14
SW006 Sht 3	Master Interior Sheetmetal Side Mounting Rail	D	2009-05-14
SW006 Sht 4	Master Interior Sheetmetal Pump Mount	F	2009-05-15
SW006 Sht 5	Master Interior Sheetmetal Himast Stiffening Bracket	B	2009-05-15
SW007 Sht 1	Master Display Panels Construction details – Non Marine Models	B	2009-05-19
SW007 Sht 8	Master Display Panels Fascia Support Bracket	B	2009-05-18
SW032 Sht 9	Hydraulic Modules Standard Outlet Cover	B	2005-01-10
SW032 Sht 10	Hydraulic Modules Standard Outlet Gasket	B	2009-06-17
SW051 Sht 1	C4000 Mounting Sheetmetal Master FP Box Mount	B	2009-05-18
SW051 Sht 4	C4000 Mounting Sheetmetal C4000 Flameproof Box - Vertical Mount	B	2009-05-15
SW051 Sht 5	C4000 Mounting Sheetmetal Flameproof Box Mount Stiffener	B	2009-05-15
SW052 Sht 5	Electrical Approvals Preset Box	B	2009-05-14
SW054 Sht 6	Nozzle Holder Cutout for ME-50 Nozzle Holder	A	2003-10-08

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SW076 Sht 3	CWID Reader CWID Face	B	2004-03-08
SW076 Sht 5	CWID Reader CWID Gasket	A	2004-03-08
SW077 Sht 1	Himast Himast Spring	A	2004-11-01
SW077 Sht 3	Himast Himast Hi-Flow Spring	A	2004-11-19
SW077 Sht 4	Himast Himast Tensioner	B	2009-10-13
SW079 Sht 1	Marine Units Marine Splash Guard - MR80S	B	2009-06-18
SW079 Sht 2	Marine Units Master Splash Guard – MMR160S	B	2009-06-18
SW079 Sht 3	Marine Units Master Splash Guard – MMR160P	B	2009-06-18
SW079 Sht 4	Marine Units Splash Guard Pump Inlet Cover	B	2009-06-18
SW116 Sht 1	Cabinet Fascias Generic Marine Perspex	B	2009-06-18

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Schedule of Variations

Variations Permitted by Issue 1:

Addition of ComFutra option to the previously certified Compac Master Series of Fuel Dispensers.

The ComFutra option replaces the normal lid of the dispenser with a separate enclosure. The bottom panel of the new enclosure acts as a lid on the dispenser and forms a vapour barrier. With this option, the dispenser becomes a AS/NZS 2229 Type 3 dispenser, with the bottom part of the dispenser now called the ‘hydraulic cabinet’ requiring the use of Ex protected electrical equipment, but the upper part above the vapour barrier becomes a ‘safe area’ and electrical equipment in this area does not require to be Ex protected (except for PIN Pad which forms part of the intrinsically safe C4000 microprocessor system).

Hence, various pieces of equipment such as routers, modems, forecourt controllers, card readers, RFID readers, USB interfaces may now be placed in this top enclosure.

Since all cables passing through the vapour barrier must comply with the sealing arrangements for vapour barriers and are part of the manufacturing process, provision has been made for a suitable junction box (suitable for Zone 1 Group IIA T4) to be placed in the hydraulic cabinet for the external connections.

Included in this ComFutra option is a hi-mast extension bracket to ensure that when the hi-mast is pulled down across the dispenser, it does not hit or damage the extended enclosure.

Condition of Certification Relating to Issue 1:

No changes from Issue 0 of this certificate.

Drawings Relating to Issue 1:

Document No.	Sheets	Document Title	Issue	Date (yyyy-mm-dd)
AP314	1/3	Master Master Electrical Label (ANZEx)	K	2011-01-19
AP314	2/3	Master Master Electrical Label (ANZEx) P-LBL-ANZEX-MST	K	2011-01-19
AP314	3/3	Master Master Electrical Label (ANZEx) P-LBL-ANZEX-MS	K	2011-01-19
AP359	1/1	Master Series Fuel Dispenser Electrical Block Diagram	A	2011-02-22

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Document No.	Sheets	Document Title	Issue	Date (yyyy-mm-dd)
ASM0016B	1/8	Com Futra Overall Dim. & Himast Option	B	2010-11-01
ASM0016B	2/8	Com Futra Bill of Materials (Com Futra TOP)	B	2010-11-01
ASM0016B	3/8	Com Futra Facia options	A	2010-11-01
ASM0016B	4/8	Com Futra Gearplate and Addons	B	2010-11-01
ASM0016B	5/8	Com Futra Enclosure Assembly	B	2010-11-01
ASM0016B	6/8	Com Futra Bung Arrangement for Unused Holes	B	2010-11-01
ASM0016B	7/8	Com Futra C4000 Pimpad IS Shroud & Wiring	B	2010-11-01
ASM0016B	8/8	Com Futra Connection of Ext. Cabling	B	2010-11-01
PDM0412C	1/1	Com Futra Com Futra Pinpad Gasket P-GASKET-CMFPP	C	2010-03-08
PDM0413B	1/1	Com Futra Com Futra Reader Wedge Gasket P-GASKET-CMFRW	B	2010-03-05
PDM0414A	1/1	Com Futra Himast Extension Bracket Gasket P-GASKET-HMEXB	A	2010-03-04
PDM0415D	1/1	Com Futra Com Futra C4000 Pinpad Plate P-FRAME-CMF-C4PD	C	2011-01-21
PDM0440A	1/1	Com Futra Com Futra Internal Pinpad Gearplate P-FRAME-CMF-PGPP	A	2010-04-30
PDM0441A	1/1	Com Futra Com Futra Piggy Back G/P – Front P-FRAME-CMF-PGPF	A	2010-04-26

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Document No.	Sheets	Document Title	Issue	Date (yyyy-mm-dd)
PDM0442A	1/1	Com Futra Com Futra Internal P/pad Bracket P-FRAME-CMF-IPPB	A	2010-04-27
PDM0443D	1/1	Com Futra Com Futra Main Gearplate P-FRAME-CMF-MGP	C	2010-06-22
PDM0446A	1/1	Com Futra Com Futra Auxiliary Gearplate P-FRAME-CMF-AGP	A	2010-04-30
PDM0447E	1/3	Com Futra End Bracket with Lock Bracket welded P-FRAME-CMF-EB	E	2011-02-01
PDM0447E	2/3	Com Futra End Bracket	E	2011-02-01
PDM0447E	3/3	Com Futra Side Support Lock Bracket	C	2011-02-01
PDM0456A	1/1	Com Futra Himast Extension Stiffening Bracket P-FRAME-CMF-HMES	A	2010-05-26
PDM0457A	1/1	Com Futra Himast Extension Bracket P-FRAME-CMF-HMEB	A	2010-05-26
PDM0458B	1/2	Com Futra Top Cover with Lock Assm P-FRAME-CMF-TCVR	B	2011-01-27
PDM0458B	2/2	Com Futra Com Futra Top Cover	B	2011-01-27
PDM0459C	1/3	Com Futra Extended Lip Lid Assm P-FRAME-CMF-EXLD	C	2010-06-28
PDM0459C	2/3	Com Futra Extended Lip Lid	C	2010-06-28
PDM0459C	3/3	Com Futra Lid Support Rail	A	2010-06-28

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Document No.	Sheets	Document Title	Issue	Date (yyyy-mm-dd)
PDM0460A	1/1	Com Futra Reader Wedge – Card Reader P-FRAME-CMF-RWCR	A	2010-05-26
PDM0461A	1/1	Com Futra Reader Wedge – CWID key P-FRAME-CMF-RWCW	A	2010-05-26
PDM0462C	1/1	Com Futra Reader Wedge – HID P-FRAME-CMF-RWH	B	2011-01-19
PDM0463A	1/1	Com Futra Fascia panel – Pinpad P-FRAME-CMF-FPN	A	2010-05-26
PDM0464A	1/1	Com Futra Fascia Pnl - Pinpad & Reader P-FRAME-CMF-FPNR	A	2010-05-26
PDM0465A	1/1	Com Futra Fascia Pnl – Pinpad & USB P-FRAME-CMF-FPU	A	2010-05-26
PDM0466A	1/1	Com Futra Fascia Pnl – Pinpad, Reader, & USB P-FRAME-CMF-FPUR	A	2010-05-26
PDM0476C	1/1	Com Futra C4000 Pinpad Shroud – RHS BKT P-FRAME-CMF-C4PR	C	2010-09-30
PDM0477C	1/1	Com Futra C4000 Pinpad Shroud – LHS BKT P-FRAME-CMF-C4PL	C	2010-09-30
PDM0478B	1/1	Com Futra C4000 Pinpad Shroud–Cover P-FRAME-CMF-C4PC	A	2010-07-07
PDM0487C	1/1	Himast Himast Hose Clamp Rubber Insert P-HIMAST-32-RB	C	2010-09-17
PDM0502A	1/1	Master Exterior Sheetmetal Master Panel Door P-PAN-MT-D	A	2010-09-06

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Document No.	Sheets	Document Title	Issue	Date (yyyy-mm-dd)
PDM0503A	1/1	Master Exterior Sheetmetal Master Panel Door (Blank) P-PAN-MT-DB	A	2010-09-06
PDM0532B	1/1	Com Futra COMFMS Pin-Pad Plate P-FRAME-CMF-PD	B	2011-01-21
PDM0533A	1/1	Com Futra Pin-pad display perspex	B	2010-11-01

Variations Permitted by Issue 2:

The changes to the Fuel Dispenser allowed are:

- Use of an alternate motor SIDA YBB3371 for driving the fuel pump
- Use of junction box CJB1 when the above motor is used
- XU01 Solenoid Coil has been removed (it is now obsolete)
- Minor changes to the frame components

Condition of Certification Relating to Issue 2:

No changes from previous issues of this certificate.

Drawings Relating to Issue 2:

Document No.	Sheets	Document Title	Issue	Date (yyyy-mm-dd)
AP314	1/3	Master Master Electrical Label (ANZEx)	N	2012-04-27
AP314	2/3	Master Master Electrical Label (ANZEx) P-LBL-ANZEX-MST	N	2012-04-27
AP314	3/3	Master Master Electrical Label (ANZEx) P-LBL-ANZEX-MSD	N	2012-04-27
AP359	1/1	Master Series Fuel Dispenser Electrical Block Diagram	B	2012-04-27

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PDM0056J	1/1	C4000 Brackets and Boxes C4000 mounting processor base P-FRAME-C4MP-BSE	F	2010-04-28
PDM0290E	1/2	Module Assemblies Master Front Mounting Rail P-FRAME-MP-FR	F	2011-04-29
PDM0290E	2/2	Module Assemblies Master Front Mounting Rail Module Assembly Footprint P-FRAME-MP-FR	F	2011-04-29
PDM0415E	1/1	Com Futra Com Futra C4000 Pinpad Plate P-FRAME-CMF-C4PD	E	2011-05-19
PDM0476D	1/1	Com Futra C4000 Pinpad Shroud – RHS BKT P-FRAME-CMF-C4PR	D	2011-06-09
PDM0477D	1/1	Com Futra C4000 Pinpad Shroud – LHS BKT P-FRAME-CMF-C4PL	D	2011-06-09
PDM0478C	1/1	Com Futra C4000 Pinpad Shroud–Cover P-FRAME-CMF-C4PC	C	2011-06-08
PDM0515B	1/5	Himast Die-Cast Top Clamp P-HMAST-DCTCL	B	2010-10-04
PDM0515B	2/5	Himast Die-Cast Top Clamp (Tapped Half) P-HMAST-DCTCL	B	2010-10-04
PDM0515B	3/5	Himast Die-Cast Top Clamp (Drilled Half) P-HMAST-DCTCL	B	2010-10-04
PDM0533D	1/1	Com Futra Pin-pad display Perspex P-PERSPEX-CMFD	D	2011-05-20
SW052	Sht 5	Electrical Approvals Preset Box	C	2009-09-07

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Variations Permitted by Issue 3:

The changes to the Fuel Dispenser allowed are:

- Use of an alternate motor SIDA YBB3371EI for driving the fuel pump
- Change the maximum ambient temperature from +55°C to +50°C to incorporate the new motor SIDA YBB3371EI.
- Add two new models MMR400/80S and MMR400/160S which are similar to previously approved model MR400S, MR160S and MR80S. The new dual hose models are combine model of MR400S with the hydraulics of MR160S and MR80S using the same housing frame.
- Minor changes to the frame components and certified drawings.
- Correct typo for motor P/N: YBB3731 as YBB3371 (in Certificate Issue 2)

Condition of Certification Relating to Issue 3:

No changes from previous issues of this certificate.

Drawings Relating to Issue 3:

Document No.	Sheets	Document Title	Issue	Date (yyyy-mm-dd)
AP313	5/5	Master Standards Master Configurations	C	2013-08-15
AP314	1/3	Master Master Electrical Label (ANZEx)	P	2013-02-15
AP314	2/3	Master Master Electrical Label (ANZEx) P-LBL-ANZEX-MST	P	2013-02-15
AP314	3/3	Master Master Electrical Label (ANZEx) P-LBL-ANZEX-MS	P	2013-02-15
AP348	1	Miscellaneous Labels used on Compac Fuel Dispensers	C	2014-02-14
AP359	1	Master Series Fuel Dispenser Electrical Block Diagram	E	2014-07-21
AP369	4	Wiring Looms – Master / Laser Single or Dual	B	2013-05-10
ASM0017A	1/3	Himast Assembly with Die-Cast Clamps	A	2013-12-17
ASM0017A	2/3	Himast Assembly with Stiffening spring	A	2013-12-17

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ASM0017A	3/3	Himast High Flow Stiffening	A	2013-12-17
ASM0033A	1	Holsters Banlaw Holster	C	2013-08-29
PDM0305E	1	Master Side Pannels Drilling Details	C	2013-08-16
PDM0307G	1	Master Side Pannels MR400S panel variations	F	2014-02-26
PDM0385A	1	Master Side Pannels ME-50 Nozzle Holder Cutout	A	2010-09-06
PDM0415F	1	Com Futra Com Futra C4000 Pinpad Plate P-FRAME-CMF-C4PD	F	2012-08-27
PDM0418B	1/2	Himast Himast Spring - unground	A	2010-09-17
PDM0418B	2/2	Himast Left thread – stiffing spring	A	2010-09-17
PDM0441C	1	Com Futra Com Futra Piggy Back G/P - Front	C	2012-05-22
PDM0443E	1	Com Futra Com Futra Main Gearplate	D	2012-08-20
PDM0446B	1	Com Futra Com Futra Auxiliary Gearplate	B	2013-03-04
PDM0491B	1	Himast Bottom clamp Hi-mast gasket	B	2010-08-16
PDM0514B	1/3	Himast Bottom Spring Clamp	A	2014-07-08
PDM0514B	2/3	Himast Himast Spring Clamp Mount	A	2014-07-08
PDM0514B	3/3	Himast Himast Spring Clamp Cap	A	2014-07-08
PDM0631B	1	Master P Brackets Pump Mount	B	2011-05-06
PDM0939A	1	Holsters Banlaw RHS Holster MK2 Back Plate	A	2013-06-28
PDM0941A	1	Holsters Banlaw Holster MK 2 RHS Stiffener	A	2013-07-01
PDM0952B	1	Holsters Banlaw Holster Top – Right Handed	B	2013-08-30
PDM0953C	1	Holsters Banlaw Hlster Bottom – Rght Handed	C	2013-10-30
PDM0957B	1/3	C4000 Brackets and Boxes F/proof Box Stiffening Bracket	C	2013-10-25
PDM0957B	2/3	C4000 Brackets and Boxes F/proof Box Stiffen w Accum Mnts	A	2013-08-30

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**Australian/New Zealand
Certification Scheme for
EXPLOSION-PROTECTED ELECTRICAL EQUIPMENT
ANZEx Scheme**

Certificate of Conformity

Certificate No.: ANZEx 09.3026X	Issue No.: 0	Date of Issue: 2010-01-27
	Issue No.: 5	Date of Issue: 2015-07-07

Document No.	Sheets	Document Title	Issue	Date (yyyy-mm-dd)
PDM0957B	3/3	C4000 Brackets and Boxes F/P Box Stiffener w P/Box Mnts	A	2013-08-30
PDM0962B	1	Frame Parts MMR400-160S Front Mounting Rail	A	2013-08-16
PDM0966A	1	Master Side Pannels MMR400-160S Banlaw Holster (RHS) cutouts	A	2013-09-06
PDM1010B	1/3	Frame Parts Master Generic Display Panels	B	2014-02-21
PDM1010B	2/3	Frame Parts Single Display Cut-outs & Mounting	E	2014-02-21
PDM1010B	3/3	Frame Parts Dual Display Cut-outs & Mounting	E	2014-02-21
PDM1011A	1	Frame Parts Fascia Support Bracket	A	2014-03-06
PDM1026A	1	Himast Himast Hi-Flow Spring – 220mm	A	2013-11-21
SW116	1	Cabinet Fascias Generic Marine Perspex	C	2012-03-06

Variations Permitted by Issue 4:

The Flameproof Power Supply Type C4000 and the corresponding C4000 Dispenser control Unit may be replaced with optional C4000 MK II Power Supply and corresponding C4000 Control Unit MK II.

The C4000 MK II Power Supply shall be installed and wired in accordance with manufacturer instructions: Doc No. AP375. When the Power Supply is fitted with separately certified cable glands or blanking elements, they shall be rated at least Ex d IIA T3 (-20°C ≤ Ta ≤ 75°C).

Condition of Certification Relating to Issue 4:

No changes from previous issues of this certificate.

Drawings Relating to Issue 4:

Document No.	Sheets	Document Title	Issue	Date (yyyy-mm-dd)
AP359	1	Master Series Fuel Dispenser Electrical Block Diagram	F	2015-02-04

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Issue No.: 0

Date of Issue: 2010-01-27

Issue No.: 5

Date of Issue: 2015-07-07

Variations Permitted by Issue 5:

Five new DEF models MA30, MMA30, MMA30-80S, MMA30-160S & MMA30-400S were added to the Master Series Dispensers. These new models have the option to dispense DEF (Diesel Exhaust Fluid) which is approximately 30% Urea water mix and a non-flammable liquid. The DEF hydraulic module does not include any pumps or pump motors within the dispenser. It use the Compac V50 meter, which is part of the C4000 Control Unit MKII and a separately certified S2-350 solenoid coil.

Condition of Certification Relating to Issue 5:

No changes from previous issues of this certificate.

Drawings Relating to Issue 5:

Document No.	Sheets	Document Title	Issue	Date (yyyy-mm-dd)
AP312	Sheet 8	Hydraulic Modules V50 DEF Module	A	2015-06-11
AP313	Sheet 5	Master Configurations	E	2015-06-04
AP314	3	Master electrical label (ANZEx)	Q	2015-05-05
AP345	1	Hose Assemblies and Delivery Systems for Master/Laser Fuel Dispensers	C	2015-06-26
AP359	1	Master Series Fuel Dispenser Electrical Block Diagram	H	2015-06-26
PDM0471C	1	Master side Pannels Side Panel – Comfutra Standard	B	2015-06-15
PDM1234B	1	Hydraulics Outlet Gasket – DEF - Viton	B	2015-06-10
PDM1235A	1	Master side Pannels Side Panel – Standard	A	2015-06-15
SW004	Sheet 4	Master DISP with Vert-mount C4K FP Box	D	2015-06-11

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