

**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: **27/01/2010**

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

**Electrical Apparatus:** Master Series Fuel Dispensers

**Type of Protection:** Ex ib d mb IP23 Type 1 (when using HZ45A8 solenoid coils)  
Ex ib d IP23 Type 1 (when using XU01 solenoid coils)

**Marking Code:** Compac Industries Ltd  
MASTER  
ANZEx 09.3026X – AS/NZS2229  
Ex ib d mb IIA T3 -20°C < Ta < +55 °C IP23 Type 1 (when using HZ45A8 solenoid coils)  
Ex ib d IIA T3 -20°C < Ta < +40 °C IP23 Type 1 (when using XU01 solenoid coils)

**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.*

**This certificate and schedule shall not be reproduced except in full**

	<p>Certificate issued by:</p> <p><b>TestSafe Australia</b> 919 Londonderry Road, Londonderry NSW 2753 Australia Phone: +61 2 4724 4900 Fax: +61 2 4724 4999 <a href="http://www.testsafe.com.au">http://www.testsafe.com.au</a></p>	 <a href="http://www.jas-anz.com.au/register">www.jas-anz.com.au/register</a>
---	---	---

**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: **27/01/2010**

*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 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, TestSafe

Quality Assessment Report No. and Issuing Body:      05.004/2008

File Reference:    2009/025132



*Signed for and on behalf of issuing body*

Acting Director

*Position*

27/01/2010

*Date of Issue*

**This certificate and schedule shall not be reproduced except in full**

**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.**

**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: **27/01/2010**

**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. 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. 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.

**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.

**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: **27/01/2010**

**DOCUMENTS:**

<b>Drawing Number .</b>	<b>Drawing Title</b>	<b>Issue/ Revision</b>	<b>Date</b>
- 4 shts	Master Series Fuel Dispensers	-	22/01/2010
AP - 033	Cardreader Mounting Plate	A	29/05/1990
AP-034	Cardreader Cover	A	29/05/1990
AP312 Sht 1	Hydraulic Modules Dispenser 40 or 80 lpm	B	3/06/2009
AP312 Sht 3	Hydraulic Modules Dispenser 160 lpm	B	3/06/2009
AP312 Sht 4	Hydraulic Modules Dispenser 400 lpm	B	3/06/2009
AP312 Sht 5	Hydraulic Modules Pump 40 or 80 lpm	C	3/06/2009
AP312 Sht 7	Hydraulic Modules Pump 160 lpm	C	3/06/2009
AP313 Sht 1	Master Standards External Dimensions	C	3/06/2009
AP313 Sht 2	Master Standards Side Panel Accessories	B	3/06/2009
AP313 Sht 3	Master Standards Wiring and C4000	D	13/12/2009
AP313 Sht 4	Master Standards Pump Variant	D	13/12/2009
AP313 Sht 5	Master Standards Master Configurations	B	3/06/2009
AP-314	Electrical Label for Master	G	19/01/2010
AP328 - 4 shts	Wiring Looms – Single	H	05/01/2007
AP329 - 4 shts	Wiring Looms – Dual	E	05/01/2007
AP331	Wiring Looms – Meter	C	08/07/2004
AP345	Hose Assemblies and Delivery Systems for Master Standards Approval	A	3/06/2009
AP346	High Mast High Mast Screw	A	12/06/2009
AP348	Miscellaneous Labels used on the Master Series of Dispensers	A	1/08/2009
ASM0010A	Master Fascia Panels Marine Fascia Assembly	A	12/06/2009
MP-125 Sht 4	Universal Highmast Hoseclamp Half (Tapped)	A	10/05/1995
MP-125 Sht 5	Universal Highmast Hoseclamp Half (Drilled)	A	10/05/1995
MP-125 Sht 6	Universal Highmast Hose Clamp Rubber Insert	B	10/05/1995
MP125-7 Sht 7	Standard Straight Inverted Himast Bracket Details	A	21/06/1996
MP-125 Sht 8	Standard Straight and Inverted Himast Bracket Detail of Bracket for Spring Himast	B	22/07/1997
MP-155 Sht 2	Spring Highmast With Swivel Head Mast for Swivel Head	A	12/05/1995
PDM0056F	C4000 Brackets and Boxes C4000 mounting processor base	C	18/06/2009
PDM0290B	Master Master Front Mounting Rail	D	18/06/2009

This certificate and schedule shall not be reproduced except in full

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

***Certificate of Conformity***

Certificate No.: <b>ANZEx 09.3026X</b>	Issue No.: <b>0</b>	Date of Issue: <b>27/01/2010</b>
--	---------------------	----------------------------------

Drawing Number .	Drawing Title	Issue/ Revision	Date
PDM0305D	Master Side Pannels Drilling Details	C	31/07/2009
PDM0306B	Master Side Pannels Drilling Details (Marine)	B	18/06/2009
PDM0348A	Master Himast Bracket Gasket	A	15/05/2009
PDM0349A	Master ME-50 Nozzle Holder Gasket	A	19/05/2009
PDM0351A	Marine Fascia Panels Marine Fascia Gasket	A	19/05/2009
PDM0352A	Master Cardreader Gasket	A	29/05/2009
PDM0354B	Master Master Door Lexan window	A	11/12/2009
PDM0355A	C4000 Brackets and Boxes C4000 Processor Lid	C	19/06/2009
PDM0356A	Holsters Nozzle Holster	A	31/07/2009
PDM0396A	Himast Himast tube with Swivel Head Cap	A	30/10/2009
SW004 Sht 2	Master Sheetmetal Assembly Pump Unit	B	19/05/2009
SW004 Sht 3	Master Sheetmetal Assembly Dispenser unit	B	19/05/2009
SW004 Sht 4	Master Sheetmetal Assembly Dispenser 160 lpm	B	19/05/2009
SW005 Sht 1	Master Exterior Sheetmetal Master Door	B	14/05/2009
SW005 Sht 4	Master Exterior Sheetmetal Lid	B	19/05/2009
SW005 Sht 5	Master Exterior Sheetmetal Blank Side Panel	E	23/05/2009
SW005 Sht 6	Master Exterior Sheetmetal Side - Standard	C	15/05/2009
SW005 Sht 10	Master Exterior Sheetmetal Side: 400S panel variations	E	25/05/2009
SW006 Sht 1	Master Interior Sheetmetal Base Rail	B	14/05/2009

This certificate and schedule shall not be reproduced except in full

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

***Certificate of Conformity***

Certificate No.: <b>ANZEx 09.3026X</b>	Issue No.: <b>0</b>	Date of Issue: <b>27/01/2010</b>
--	---------------------	----------------------------------

Drawing Number .	Drawing Title	Issue/ Revision	Date
SW006 Sht 3	Master Interior Sheetmetal Side Mounting Rail	D	14/05/2009
SW006 Sht 4	Master Interior Sheetmetal Pump Mount	F	15/05/2009
SW006 Sht 5	Master Interior Sheetmetal Himast Stiffening Bracket	B	15/05/2009
SW007 Sht 1	Master Display Panels Construction details – Non Marine Models	B	19/05/2009
SW007 Sht 8	Master Display Panels Fascia Support Bracket	B	18/05/2009
SW032 Sht 9	Hydraulic Modules Standard Outlet Cover	B	10/01/2005
SW032 Sht 10	Hydraulic Modules Standard Outlet Gasket	B	17/06/2009
SW051 Sht 1	C4000 Mounting Sheetmetal Master FP Box Mount	B	18/05/2009
SW051 Sht 4	C4000 Mounting Sheetmetal C4000 Flameproof Box - Vertical Mount	B	15/05/2009
SW051 Sht 5	C4000 Mounting Sheetmetal Flameproof Box Mount Stiffener	B	15/05/2009
SW052 Sht 5	Electrical Approvals Preset Box	B	14/05/2009
SW054 Sht 6	Nozzle Holder Cutout for ME-50 Nozzle Holder	A	8/10/2003
SW076 Sht 3	CWID Reader CWID Face	B	8/03/2004
SW076 Sht 5	CWID Reader CWID Gasket	A	8/03/2004
SW077 Sht 1	Himast Himast Spring	A	1/11/2004
SW077 Sht 3	Himast Himast Hi-Flow Spring	A	19/11/2004
SW077 Sht 4	Himast Himast Tensioner	B	13/10/2009
SW079 Sht 1	Marine Units Marine Splash Guard - MR80S	B	18/06/2009
SW079 Sht 2	Marine Units Master Splash Guard – MMR160S	B	18/06/2009

This certificate and schedule shall not be reproduced except in full

**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: **27/01/2010**

<b>Drawing Number .</b>	<b>Drawing Title</b>	<b>Issue/ Revision</b>	<b>Date</b>
SW079 Sht 3	Marine Units Master Splash Guard – MMR160P	B	18/06/2009
SW079 Sht 4	Marine Units Splash Guard Pump Inlet Cover	B	18/06/2009
SW116 Sht 1	Cabinet Fascias Generic Marine Perspex	B	18/06/2009

---

This certificate and schedule shall not be reproduced except in full