

CERTIFICATE OF CALIBRATION

Issued By RIE Group Pty Ltd

Date of Issue Wednesday, 9 October 2024

Certificate Number STD11112



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Approved Signatory

A handwritten signature in blue ink, appearing to be 'Jh'.

Customer : Huracan Pty Ltd
151 Warooby Lane, Qeeunsland
Roma, 4455

Date Received : Thursday, 3 October 2024

Instrument :	System ID :	ID0002681	Job Number :	R24232
	Description :	Digital Pressure gauge		
	Manufacturer :	Crystal Ametek		
	Model Number :	XP2i 5kPsi		
	Serial Number :	465394		
	Procedure Version	1.0		

Environmental Conditions

Temperature :	23°C ± 3°C	Mains Voltage :	240V ± 40V
Relative Humidity :	50%RH ± 10%RH	Mains Frequency :	50Hz ± 0Hz

Comments

Instrument was placed in lab and allowed to stabilise before calibration.
Test Method: MSA method 1 2008 - pressure and transducer calibration
20% range: 0.020% FS->20% range: 0.1%rdg
Medium of test - oil Instrument test position - Vertical
Recommended calibration period of 52 weeks

Traceability Information

Instrument Description	Serial Number	Certificate Number	Cal. Date	Cal. Period
CPB3800HP Dead Weight Tester	33687	APL227262	14/04/2022	260

Calibrated By : Jeffrey Federico

Date of Calibration : Wednesday, 9 October

This certificate provides traceability of measurement to recognised National standards, and to the units of measurements realised at the National Physical Laboratory or other recognised National standards laboratories. Copyright of this certificate is owned by the issuing laboratory and may not be reproduced except with the prior written approval of the issuing laboratory.

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AS FOUND RESULTS

Test Title	Tolerance	Applied Value	Reading	Pass / Fail
General Operational Condition				
Device Condition	---	---		PASS
Battery	---	---		PASS
Button Switch	---	---		PASS
Pressure Rising - PSI				
0psi range	100mpsi	0.00psi	0.00psi	PASS
1000psi range	999.1mpsi	999.14psi	999.10psi	PASS
2000psi range	2psi	1998.26psi	1998.20psi	PASS
3000psi range	3psi	3011.80psi	3011.70psi	PASS
4000psi range	4psi	3996.41psi	3996.30psi	PASS
5000psi range	5psi	4981.01psi	4980.90psi	PASS
Pressure Falling - PSI				
5000psi range	5psi	4981.01psi	4980.80psi	PASS
4000psi range	4psi	3996.41psi	3996.20psi	PASS
3000psi range	3psi	3011.80psi	3011.70psi	PASS
2000psi range	2psi	1998.26psi	1998.20psi	PASS
1000psi range	999.1mpsi	999.14psi	999.10psi	PASS
0psi range	100mpsi	0.00psi	0.00psi	PASS

End of Test

END OF TEST DATA

Uncertainties

Low Range : < +/- 0.006%
High Range 1400 bar : +/- 0.006%
High Range 1750 bar : +/- 0.009%
High Range >1750 bar : +/- 0.015%