

CERTIFICATE OF CALIBRATION

Issued By RIE Group Pty Ltd

Date of Issue Wednesday, 3 June 2020

Certificate Number STD02077



RIE Group Pty Ltd
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Approved Signatory

Customer : Huracan

Date Received : Wednesday, 3 June 2020

Instrument :	System ID :	ID0002681	Job Number :	R1132-1
	Description :	Digital Pressure gauge		
	Manufacturer :	Crystal Ametek		
	Model Number :	5kPsi		
	Serial Number :	465394		
	Procedure Version :	1.0		

Environmental Conditions

Temperature :	20°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
CPB3800 Dead Weight Tester	33687	APL187478	18/01/2019	104

Calibrated By : Jeffrey Federico

Date of Calibration : Wednesday, 3 June 2020

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.

This certificate complies with the requirements of B.S. 5781, Part 1992 (ISO 10012-1 1992).

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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 - kPa				
0 Pa	10mPa	0.0Pa	0.0Pa	PASS
4000 Pa Range	4Pa	3993.60Pa	3994.00Pa	PASS
9000 Pa Range	9Pa	8985.4Pa	8985.0Pa	PASS
14000 Pa Range	14Pa	13976.90Pa	13976.00Pa	PASS
19000 Pa Range	19Pa	18968.60Pa	18968.00Pa	PASS
25000 Pa Range	25Pa	24958.20Pa	24956.00Pa	PASS
29000 Pa Range	29Pa	28951.30Pa	28949.00Pa	PASS
34600 Pa Range	34.7Pa	34741.60Pa	34740.00Pa	PASS
Pressure Falling - kPa				
34600 Pa Range	34.7Pa	34741.60Pa	34741.00Pa	PASS
29000 Pa Range	29Pa	28951.30Pa	28949.00Pa	PASS
25000 Pa Range	25Pa	24958.20Pa	24956.00Pa	PASS
19000 Pa Range	19Pa	18968.60Pa	18968.00Pa	PASS
14000 Pa Range	14Pa	13976.90Pa	13976.00Pa	PASS
9000 Pa Range	9Pa	8985.40Pa	8985.00Pa	PASS
4000 Pa Range	4Pa	3993.60Pa	3994.00Pa	PASS
0 Pa Range	10uPa	0.00Pa	0.00Pa	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%