

Calibration Certificate

Prepared for: Steam Association of Manitoba
144 5th St. N.E.
Portage La Prairie MB R1N 1J5

Cert No: 16386-S3-1
Issue Date: 6 Jul 2020
Cal Date: 6 Jul 2020
Due Date: 6 Jul 2022

Serial No: 2891792

Description: Wika Pressure Gauge 400 psi

Procedure: CAL.038 Temperature: 23°C ± 1°C Humidity: 55% ± 4%

Uncertainty: See Uncertainty Section Below



Traceability: Traceable to SI units of measurement by NRC and NIST through:

ID #	Description	Cal Due
ITC 1148	Crystal nVision	Before Use
ITC 1151	3000 psi module	15-Aug-2020
ITC 10029	Temp and humidity meter	08-Nov-2020

Software Version:	Scale	Pressure	Type	Dial gauge
	Units	psi	Finest Graduation	2
	Nominal	400	Resolution Used At Calibration	1
	Chassis R080015, Module R09009 (s/n 963193)		Uncertainty (psi)	0.296

UUT	As Found Actual/ As Left Actual		Analysis		
	Reading Up	Reading Down	Average	Deviation	Nonrepeatability
0	0.0	0.0			
40	40.4	40.1	40.3	0.3	0.3
80	80.5	80.2	80.4	0.3	0.3
160	160.7	160.5	160.6	0.6	0.2
240	240.8	240.0	240.4	0.4	0.8
320	320.0	320.0	320.0	0.0	0.0
400	400.3	-	400.3	0.3	0.0

Notes

- This report is prepared for the exclusive use of the client named herein. The material reflects the ITC's best judgement in light of the information available to it at the time of preparation. Any use that any third party makes of this report, or any reliance on or decisions taken based upon it are the responsibility of such third party. ITC accepts no responsibility for damages, if any, suffered by any third party as a result of decisions made or actions taken based on this report.
- Any report refers only to particular subject referred to in said report. No representation is made regarding other similar articles.
- ITC shall not be used in any connection with the advertisement, offer, or sale of any product process or service without written consent.
- Copyright of this certificate is owned by the issuing laboratory and may not be reproduced other than in full except with the prior written approval of the issuing laboratory.
- The uncertainties are expanded using a coverage factor k=2 for a level of confidence of approximately 95%, assuming normal distribution.
- The Calibration Laboratory Assessment Service (CLAS) of the National Research Council of Canada (NRC) has assessed and certified specific calibration capabilities of this laboratory and traceability to the International System of Units (SI) or to standards acceptable to the CLAS program. This certificate of calibration is issued in accordance with the conditions of certification granted by CLAS and the conditions of accreditation granted by the Standards Council of Canada (SCC). Neither CLAS nor SCC guarantees the accuracy of individual calibrations by accredited laboratories.

Prepared by: Danny Fredette
Danny Fredette, C.Tech.
Metrologist/Mechanical Technician

Reviewed by: Rob Richards
Rob Richards
Calibration Technician