

Certificate No.: 480-1040558
Procedure No.: ATE-2 OPERATION AND MAINTENANCE



Control No.: 103425
Page 1 of 2

UNIT UNDER TEST

Manufacturer: ASHCROFT
Model No.: AM2-2
Serial No.: AM2-6136
Cust. Ref. No.: N/A
Description: ISOLATED SENSOR
Date Rec'd: 5/13/2020
Condition Rec'd: GOOD

SUBMITTED BY

Customer: K&S TECHNICAL SERVICES, INC
941 NEW LONDON ROAD
NEWARK, DE 19711
P.O. #: 10352
Precal: IN SPEC Final: IN SPEC

CALIBRATION CERTIFICATE

All calibrations are performed by qualified personnel using instrumentation, procedures and methods which guarantee specifications claimed are reliable. When specified, all calibrations are performed in accordance with current ISO/IEC 17025, ANSI/NCSL Z-540-1, MIL-STD-45662A, and ENV/Pro-Lab Quality Manual - Rev 5. Standards used are traceable to The National Institute of Standards and Technology (NIST). Expanded uncertainties are calculated using methods described in the Guide to the Expression of Uncertainty of Measurement (GUM) utilizing a coverage factor of K=2 (95% confidence) and kept on file at Pro-Lab. At a minimum, standards are selected with an uncertainty of 25% or better, where possible. This certificate and/or data shall not be reproduced except in full, without the written permission of Pro-Lab Management.

Standards Used

| Asset # | Description | Certificate Number | Date Due |
|---------|---------------------|--------------------|-----------|
| 1327A | PRESSURE CALIBRATOR | 52-VEN-1130 | 7/25/2020 |

Temperature: 22.4 C
Humidity: 45.1% RH
Approved By: Joseph Wickward
Calibration Manager
E-Signed 15-May-2020 2:48 PM

Date Tested: 15-May-2020
Date Due: 15-May-2021
Calibrated By: Keith Murray, Sr.
Sr Calibration Technician
E-Signed 15-May-2020 2:08 PM

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CALIBRATION DATA

Note: Calibration results may drift from documented values prior to calibration due date attributable to various factors. Results obtained apply to the UUT only and are reflective of conditions at the time of this test. Measurement uncertainty is not taken into account when statements of compliance with specifications are made.

| Pressure Description | Standard | As Found | Final | Min. | Max. |
|----------------------|----------|----------|--------|--------|--------|
| psi | 20.00 | 19.99 | 19.99 | 19.90 | 20.10 |
| psi | 40.00 | 39.99 | 39.99 | 39.90 | 40.10 |
| psi | 60.00 | 59.98 | 59.98 | 59.90 | 60.10 |
| psi | 80.00 | 79.99 | 79.99 | 79.80 | 80.10 |
| psi | 100.00 | 99.99 | 99.99 | 99.90 | 100.10 |
| psi | 120.00 | 119.99 | 119.99 | 119.90 | 120.10 |
| psi | 140.00 | 139.99 | 139.99 | 139.90 | 140.10 |
| psi | 160.00 | 159.99 | 159.99 | 159.90 | 160.10 |
| psi | 180.00 | 180.00 | 180.00 | 179.90 | 180.10 |
| psi | 200.00 | 200.01 | 200.01 | 199.90 | 200.10 |