

Certificate No.: 480-0882425  
Procedure No.: MFR



Control No.: 103424  
Page 1 of 2

**UNIT UNDER TEST**

**Manufacturer:** ASHCROFT  
**Model No.:** AM2-2  
**Serial No.:** AM2-6135  
**Cust. Ref. No.:**  
**Description:** ISOLATED SENSOR  
**Date Rec'd:** 5/22/2019  
**Condition Rec'd:** GOOD

**SUBMITTED BY**

**Customer:** K&S TECHNICAL SERVICES, INC  
941 NEW LONDON ROAD  
NEWARK, DE 19711  
**P.O. #:** 10343  
**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
1327B	PRESSURE CALIBRATOR	52-VEN-14023	8/22/2019

Temperature: 23.9 C  
Humidity: 49.5% RH  
Approved By: Jennifer Shelly  
Laboratory Supervisor  
E-Signed 06-Jun-2019 11:51 AM

Date Tested: 06-Jun-2019  
Date Due: 06-Jun-2020  
Calibrated By: Keith Murray, Sr.  
Sr Calibration Technician  
E-Signed 06-Jun-2019 10:48 AM

Certificate No.: 480-0882425  
Procedure No.: MFR



Control No.: 103424  
Page 2 of 2

**UNIT UNDER TEST**

**Manufacturer:** ASHCROFT  
**Model No.:** AM2-2  
**Serial No.:** AM2-6135  
**Cust. Ref. No.:**  
**Description:** ISOLATED SENSOR  
**Date Rec'd:** 5/22/2019  
**Condition Rec'd:** GOOD

**SUBMITTED BY**

**Customer:** K&S TECHNICAL SERVICES, INC  
941 NEW LONDON ROAD  
NEWARK, DE 19711  
**P.O. #:** 10343  
**Precal:** IN SPEC      **Final:** IN SPEC

## CALIBRATION DATA

The cal Procedure was taken from the ATE-2 Instruction Manual

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.
psia	0.600	0.610	0.610	0.570	0.630
psia	6.000	6.006	6.006	5.970	6.030
psia	12.000	12.007	12.007	11.970	12.030
psia	18.000	18.008	18.008	17.970	18.030
psia	24.000	24.005	24.005	23.970	24.030
psia	30.000	30.008	30.008	29.970	30.030
psia	36.000	36.008	36.008	35.970	36.030
psia	42.000	42.006	42.006	41.970	42.030
psia	48.000	48.005	48.005	47.970	48.030
psia	54.000	54.009	54.009	53.970	54.030
psia	60.000	60.004	60.004	59.970	60.030