

Certificate No.: 480-1040571  
Procedure No.: ATE-2 OPERATION AND MAINTENANCE



Control No.: 103426  
Page 1 of 2

**UNIT UNDER TEST**

**Manufacturer:** ASHCROFT  
**Model No.:** AM2-1  
**Serial No.:** AM2-61412  
**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
865	PRESSURE TRANSDUCER- MKS BARATRON	52-VEN-273	6/10/2021

Temperature: 22.6 C  
Humidity: 43.1% RH  
Approved By: Joseph Wickward  
Calibration Manager  
E-Signed 15-May-2020 2:58 PM

Date Tested: 15-May-2020  
Date Due: 15-May-2021  
Calibrated By: Keith Murray, Sr.  
Sr Calibration Technician  
E-Signed 15-May-2020 2:47 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.

**Differential Pressure**

<b>Description</b>	<b>Standard</b>	<b>As Found</b>	<b>Final</b>	<b>Min.</b>	<b>Max.</b>
inh2o	-49.78	-49.84	-49.84	-49.84	-49.72
inh2o	-39.84	-39.88	-39.88	-39.90	-39.78
inh2o	-29.88	-29.91	-29.91	-29.94	-29.82
inh2o	-19.93	-19.94	-19.94	-19.99	-19.87
inh2o	-9.96	-9.98	-9.98	-10.02	-9.90
inh2o	0.00	0.00	0.00	-0.06	0.06
inh2o	9.96	9.97	9.97	9.90	10.02
inh2o	19.92	19.93	19.93	19.86	19.98
inh2o	29.86	29.90	29.90	29.80	29.92
inh2o	39.82	39.86	39.86	39.76	39.88
inh2o	49.80	49.84	49.84	49.74	49.86