



Certificate No.: 480-1040607
Procedure No.: ATE-2 OPERATION AND MAINTENANCE

Control No.: 103427
Page 1 of 2

UNIT UNDER TEST

Manufacturer: ASHCROFT
Model No.: AM2-1
Serial No.: AM2-4741
Cust. Ref. No.: N/A
Description: NON 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/NC SL 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: 22.4 C
Humidity: 45.5% RH
Approved By: Joseph Wickward
Calibration Manager
E-Signed 15-May-2020 4:00 PM

Date Tested: 15-May-2020
Date Due: 15-May-2021
Calibrated By: Keith Murray, Sr.
Sr Calibration Technician
E-Signed 15-May-2020 3:28 PM



Certificate No.: 480-1040607
 Procedure No.: ATE-2 OPERATION AND MAINTENAN

Control No.: 103427
 Page 2 of 2

UNIT UNDER TEST

SUBMITTED BY

Manufacturer: ASHCROFT
 Model No.: AM2-1
 Serial No.: AM2-4741
 Cust. Ref. No.: N/A
 Description: NON ISOLATED SENSOR
 Date Rec'd: 5/13/2020
 Condition Rec'd: GOOD

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

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

Description	Standard	As Found	Final	Min.	Max.
inh2o@4°C	0.0000	0.0000	0.0000	-0.0006	0.0006
inh2o@4°C	0.0985	0.0986	0.0986	0.0979	0.0991
inh2o@4°C	0.1980	0.1981	0.1981	0.1974	0.1986
inh2o@4°C	0.2974	0.2975	0.2975	0.2968	0.2980
inh2o@4°C	0.3970	0.3970	0.3970	0.3964	0.3976
inh2o@4°C	0.4970	0.4971	0.4971	0.4964	0.4976
inh2o@4°C	0.5971	0.5972	0.5972	0.5965	0.5977
inh2o@4°C	0.6965	0.6966	0.6966	0.6959	0.6971
inh2o@4°C	0.7955	0.7956	0.7956	0.7949	0.7961
inh2o@4°C	0.8965	0.8964	0.8964	0.8959	0.8971
inh2o@4°C	0.9949	0.9949	0.9949	0.9943	0.9955