

ILLIANA INSTRUMENTATION

1831 Govert Drive Schererville, IN 46375 (219)227-8788 illianaservice.com

CERTIFICATE OF CALIBRATION

Illiana Instrumentation
1831 Govert Drive
Schererville, IN 46375-

Date received: 10/15/15
Calibration date: 10/15/15
Recalibration due: 10/15/17

Purchase order:
Location of calibration: Lab

Item number: 1318	Item location: Lab
Tag number:	Temp: 70.0° F. Humidity: 30 Sensitivity: OK
Manufacturer: Transmation Inc.	Condition as found: In Tolerance
Model num: Pneucal IV-B	Condition as left: In Tolerance
Description: 1318 Pressure	Intentional offset as found: 0.0000
Serial number: TR-02482	Intentional offset as left: 0.0000
Accuracy: +/- .035% H2O/PSI; +/- .025% mADC	Limitations: None
Item notes:	

This certifies that the above equipment was calibrated using appropriate Illiana Instrumentation technical procedures. At planned intervals, Illiana Instrumentation standards are calibrated by comparison to or measurement against standards which are traceable to the SI units through the NIST or other recognized national measurement institutes or international standard bodies. The results in this report relate only to the item(s) calibrated. If so indicated above, detailed calibration results are attached to this certificate. These results are part of this certificate and this certificate shall not be reproduced except in full, without the written approval of Illiana Instrumentation. Any number of factors not under the control of the calibration laboratory may cause the calibration of the above item(s) to drift before the recommended recalibration date. Supporting documentation relative to traceability and technical procedures used is on file and is available for review upon request and approval of our quality assurance manager. The above uncertainties represent an expanded uncertainty expressed at approximately 95% confidence level using a coverage factor of k=2.

Tech: Paul D Grolla Date: 10/15/15 Approved by: Laura Grolla Date: 10/15/15
Paul D Grolla - ISA Certified Controls Systems Tech. Laura Grolla - Deputy Quality Manager

Cal Point	Init Read	Final Read	Upper Tol	Lower Tol	Eng Units	Cal point description	Pass?
2.0000	2.0600	2.0600	2.9700	1.0300	inches H2O	Inches H2O	Yes

Standard(s): 1468 Fluke 725, 1230 700P24 Pressure
Adjustments:
Problems:
Uncertainty: 0.6000 inches H2O

Procedure: WI-512

Cal Point	Init Read	Final Read	Upper Tol	Lower Tol	Eng Units	Cal point description	Pass?
5.0000	5.0300	5.0300	5.9700	4.0300	inches H2O	Inches H2O	Yes

Standard(s): 1468 Fluke 725, 1230 700P24 Pressure
Adjustments:
Problems:
Uncertainty: 0.6000 inches H2O

Procedure: WI-512

Cal Point	Init Read	Final Read	Upper Tol	Lower Tol	Eng Units	Cal point description	Pass?
10.0000	10.0500	10.0500	10.9700	9.0300	inches H2O	Inches H2O	Yes

Standard(s): 1468 Fluke 725, 1230 700P24 Pressure
Adjustments:
Problems:
Uncertainty: 0.6000 inches H2O

Procedure: WI-512

Cal Point	Init Read	Final Read	Upper Tol	Lower Tol	Eng Units	Cal point description	Pass?
20.0000	20.0100	20.0100	20.9700	19.0300	inches H2O	Inches H2O	Yes

Standard(s): 1468 Fluke 725, 1230 700P24 Pressure
Adjustments:
Problems:
Uncertainty: 0.6000 inches H2O

Procedure: WI-512



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Cal Point	Init Read	Final Read	Upper Tol	Lower Tol	Eng Units	Cal point description	Pass?
50.0000	50.0100	50.0100	50.9700	49.0300	inches H2O	Inches H2O	Yes
Standard(s): 1468 Fluke 725, 1230 700P24 Pressure Adjustments: Problems: Uncertainty: 0.6000 inches H20 Procedure: WI-512							
Cal Point	Init Read	Final Read	Upper Tol	Lower Tol	Eng Units	Cal point description	Pass?
100.0000	100.0500	100.0500	100.9700	99.0300	inches H2O	Inches H2O	Yes
Standard(s): 1468 Fluke 725, 1230 700P24 Pressure Adjustments: Problems: Uncertainty: 0.6000 inches H2O Procedure: WI-512							
Cal Point	Init Read	Final Read	Upper Tol	Lower Tol	Eng Units	Cal point description	Pass?
200.0000	200.2000	200.2000	200.9700	199.0300	inches H2O	Inches H2O	Yes
Standard(s): 1468 Fluke 725, 1230 700P24 Pressure Adjustments: Problems: Uncertainty: 0.6000 inches H2O Procedure: WI-512							
Cal Point	Init Read	Final Read	Upper Tol	Lower Tol	Eng Units	Cal point description	Pass?
300.0000	300.4000	300.4000	300.9700	299.0300	inches H2O	Inches H2O	Yes
Standard(s): 1468 Fluke 725, 1230 700P24 Pressure Adjustments: Problems: Uncertainty: 0.6000 inches H2O Procedure: WI-512							
Cal Point	Init Read	Final Read	Upper Tol	Lower Tol	Eng Units	Cal point description	Pass?
400.0000	400.6000	400.6000	400.9700	399.0300	inches H2O	Inches H2O	Yes
Standard(s): 1468 Fluke 725, 1230 700P24 Pressure Adjustments: Problems: Uncertainty: 0.6000 inches H2O Procedure: WI-512							
Cal Point	Init Read	Final Read	Upper Tol	Lower Tol	Eng Units	Cal point description	Pass?
5.0000	5.0020	5.0020	5.0350	4.9650	psi	PSI	Yes
Standard(s): 1468 Fluke 725, 1230 700P24 Pressure Adjustments: Problems: Uncertainty: 0.2000 psi Procedure: WI-512							
Cal Point	Init Read	Final Read	Upper Tol	Lower Tol	Eng Units	Cal point description	Pass?
10.0000	10.0000	10.0000	10.0350	9.9650	psi	PSI	Yes
Standard(s): 1468 Fluke 725, 1230 700P24 Pressure Adjustments: Problems: Uncertainty: 0.2000 psi Procedure: WI-512							



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Cal Point	Init Read	Final Read	Upper Tol	Lower Tol	Eng Units	Cal point description	Pass?
15.0000	15.0070	15.0070	15.0350	14.9650	psi	PSI	Yes

Standard(s): 1468 Fluke 725, 1230 700P24 Pressure

Adjustments:

Problems:

Uncertainty: 0.2000 psi

Procedure: WI-512

Cal Point	Init Read	Final Read	Upper Tol	Lower Tol	Eng Units	Cal point description	Pass?
25.0000	25.0100	25.0100	25.0350	24.9650	psi	PSI	Yes

Standard(s): 1229 700PD7 Pressure, 1468 Fluke 725

Adjustments:

Problems:

Uncertainty: 0.2000 psi

Procedure: WI-512

Cal Point	Init Read	Final Read	Upper Tol	Lower Tol	Eng Units	Cal point description	Pass?
50.0000	50.0300	50.0300	50.0350	49.9650	psi	PSI	Yes

Standard(s): 1229 700PD7 Pressure, 1468 Fluke 725

Adjustments:

Problems:

Uncertainty: 0.2000 psi

Procedure: WI-512

Cal Point	Init Read	Final Read	Upper Tol	Lower Tol	Eng Units	Cal point description	Pass?
75.0000	75.0300	75.0300	75.0350	74.9650	psi	PSI	Yes

Standard(s): 1229 700PD7 Pressure, 1468 Fluke 725

Adjustments:

Problems:

Uncertainty: 0.2000 psi

Procedure: WI-512

Cal Point	Init Read	Final Read	Upper Tol	Lower Tol	Eng Units	Cal point description	Pass?
90.0000	90.0300	90.0300	90.0350	89.9650	psi	PSI	Yes

Standard(s): 1229 700PD7 Pressure, 1468 Fluke 725

Adjustments:

Problems:

Uncertainty: 0.2000 psi

Procedure: WI-512

Cal Point	Init Read	Final Read	Upper Tol	Lower Tol	Eng Units	Cal point description	Pass?
4.0000	4.0000	4.0000	4.0130	3.9870	mADC	mADC	Yes

Standard(s): 1546 Fluke 525B

Adjustments:

Problems:

Uncertainty: 0.0120 mADC

Procedure: WI-510

Cal Point	Init Read	Final Read	Upper Tol	Lower Tol	Eng Units	Cal point description	Pass?
12.0000	12.0100	12.0100	12.0130	11.9870	mADC	mADC	Yes

Standard(s): 1546 Fluke 525B

Adjustments:

Problems:

Uncertainty: 0.0120 mADC

Procedure: WI-510



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CERTIFICATE OF CALIBRATION

Cal Point	Init Read	Final Read	Upper Tol	Lower Tol	Eng Units	Cal point description	Pass?
20.0000	20.0100	20.0100	20.0130	19.9870	mADC	mADC	Yes

Standard(s): 1546 Fluke 525B

Adjustments:

Problems:

Uncertainty: 0.0120 mADC

Procedure: WI-510

Customer approval: _____ Date: _____

Total pages for Certificate 999999-01318-5403: 4

