

# ILLIANA INSTRUMENTATION

1831 Govert Drive Schererville, IN 46375 (219)227-8788 [illianaservice.com](http://illianaservice.com)

## CERTIFICATE OF CALIBRATION

Illiana Instrumentation  
1831 Govert Drive  
Schererville, IN 46375-

Date received: 08/19/21  
Calibration date: 08/19/21  
Recalibration due: 08/31/22

Purchase order:  
Location of calibration: Lab

Item number: 1718 Tag number: Manufacturer: Hanna Instruments, Inc. Model num: HI9564 Description: 1718 Serial number: A04090149111 Accuracy: +/- .8 Deg. F/5% rH Item notes:	Item location: Mobile Temp: 72.0° F.    Humidity: 47    Sensitivity: OK Condition as found: In tolerance Condition as left: In tolerance Intentional offset as found: 0.0000 Intentional offset as left: 0.0000 Limitations: None
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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 laboratory may cause the calibration of the above item 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 Manager. The uncertainties represent an expanded uncertainty expressed at @95% confidence level using a coverage factor of k=2. The date this report is signed constitutes the issue date. Pass/Fail criteria does not take into account measurement uncertainty.

Tech: Paul D Grolla Date: 08/19/21 Approved by: Laura Grolla Date: 08/19/21  
 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?
32.3000	35.6000	35.6000	37.2000	27.3000	% rH	% rH	Yes

Standard(s): 1653 Rotronic HP22-A

Adjustments:

Problems:

Uncertainty: 2.5000 % rH

Procedure: WI-520

Cal Point	Init Read	Final Read	Upper Tol	Lower Tol	Eng Units	Cal point description	Pass?
55.2000	58.2000	58.2000	60.2000	50.2000	% rH	% rH	Yes

Standard(s): 1653 Rotronic HP22-A

Adjustments:

Problems:

Uncertainty: 2.5000 % rH

Procedure: WI-520

Cal Point	Init Read	Final Read	Upper Tol	Lower Tol	Eng Units	Cal point description	Pass?
68.0000	68.2000	68.2000	68.8000	67.2000	Deg F.	Deg F.	Yes

Standard(s): 1225 Hart PRT, 1429 Hart Scanner

Adjustments:

Problems:

Uncertainty: 0.5000 Deg F.

Procedure: WI-516

Cal Point	Init Read	Final Read	Upper Tol	Lower Tol	Eng Units	Cal point description	Pass?
72.1000	73.4000	73.4000	77.1000	67.1000	% rH	% rH	Yes

Standard(s): 1653 Rotronic HP22-A

Adjustments:

Problems:

Uncertainty: 2.5000 % rH

Procedure: WI-520



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Cal Point	Init Read	Final Read	Upper Tol	Lower Tol	Eng Units	Cal point description	Pass?
77.0000	77.2000	77.2000	77.8000	76.2000	Deg F.	Deg F.	Yes

Standard(s): 1225 Hart PRT, 1429 Hart Scanner

Adjustments:

Problems:

Uncertainty: 0.5000 Deg F.

Procedure: WI-516

Cal Point	Init Read	Final Read	Upper Tol	Lower Tol	Eng Units	Cal point description	Pass?
86.0000	86.2000	86.2000	86.8000	85.2000	Deg F.	Deg F.	Yes

Standard(s): 1225 Hart PRT, 1429 Hart Scanner

Adjustments:

Problems:

Uncertainty: 0.5000 Deg F.

Procedure: WI-516

Customer approval: \_\_\_\_\_ Date: \_\_\_\_\_

Total pages for Certificate 999999-01718-5485: 2