

CERTIFICATE OF ACCREDITATION

ANSI-ASQ National Accreditation Board

500 Montgomery Street, Suite 625, Alexandria, VA 22314, 877-344-3044

This is to certify that

Antibus Scales & Systems, Inc. 4310 Technology Drive South Bend, IN 46628

has been assessed by ANAB and meets the requirements of international standard

ISO/IEC 17025:2005

and national standard

ANSI/NCSL Z540-1-1994 (R2002)

while demonstrating technical competence in the field of

CALIBRATION

Refer to the accompanying Scope of Accreditation for information regarding the types of calibrations to which this accreditation applies.



Certificate Valid: 10/11/2017-05/11/2020 Version No. 002 Issued: 10/11/2017



This laboratory is accredited in accordance with the recognized International Standard ISO/IEC 17025:2005. This accreditation demonstrates technical competence for a defined scope and the operation of a laboratory quality management system (refer to joint ISO-ILAC-IAF Communiqué dated April 2017).



SCOPE OF ACCREDITATION TO ISO/IEC 17025:2005 AND ANSI/NCSL Z540-1-1994 (R2002)

Antibus Scales & Systems, Inc.

4310 Technology Drive South Bend, IN 46628 Henry Meyers 574-233-3160

CALIBRATION

Valid to: May 11, 2020

Certificate Number: L2253.01

A

Electrical – DC/Low Frequency

Parameter / Equipment	Range	Expanded Uncertainty of Measurement (+/-)	Reference Standard, Method and/or Equipment
DC Current	4 mA	0.004 mA	
Measure and Source	10 mA	0.005 mA	Fluke 740 Series
	20 mA	0.006 mA	Process Calibrator
	(0.33 to 3.3) mA		
	(10 to 20) Hz	0.15 mA/A + 0.15 μA	
AC Source	(20 to 45) Hz	$1 \text{ mA/A} + 0.15 \mu\text{A}$	
Current	45 Hz to 1KHz	76 mA/A + 0.15 μA	Fluke 5520A
Current	(1 to 5) kHz	$57 \text{ mA/A} + 0.2 \mu \text{A}$	
	(5 to 10 kHz	$63 \text{ mA/A} + 0.3 \mu \text{A}$	
	(10 to 30) kHz	$56 \text{ mA/A} + 0.6 \mu \text{A}$	
	(3.3 to 33) mA		
	(10 to 20) Hz	$2 \text{ mA/A} + 2 \mu \text{A}$	
	(20 to 45) Hz	$0.9 \text{ mA/A} + 2 \mu \text{A}$	
	45 Hz to 1KHz	$1.4 \text{ mA/A} + 2 \mu \text{A}$	
	(1 to 5) kHz	$0.74 \text{ mA/A} + 2 \mu \text{A}$	
	(5 to 10 kHz	$2 \text{ mA/A} + 3 \mu \text{A}$	
AC Source	(10 to 30) kHz	$3 \text{ m/A} + 4 \mu \text{A}$	Eluko 5520A
AC Source	(33 to 330) mA		Fluke 5520A
	(10 to 20) Hz	$1.4 \text{ mA/A} + 20 \mu \text{A}$	
	(20 to 45) Hz	$0.7 \text{ mA/A} + 20 \mu \text{A}$	
	45 Hz to 1KHz	$0.44 \text{ mA/A} + 20 \mu \text{A}$	
	(1 to 5) kHz	$178 \text{ mA/A} + 50 \mu \text{A}$	
	(5 to 10 kHz	$2 \text{ mA/A} + 100 \mu \text{A}$	
	(10 to 30) kHz	$3 \text{ mA/A} + 200 \mu\text{A}$	





Electrical – DC/Low Frequency

Parameter / Equipment	Range	Expanded Uncertainty of Measurement (+/-)	Reference Standard, Method and/or Equipment
AC Source	(0.33 to 1.1) A (10 to 20) Hz (20 to 45) Hz 45 Hz to 1KHz (1 to 5) kHz (5 to 10 kHz (1.1 to 3) A (10 to 20) Hz 45 Hz to 1KHz (1 to 5) kHz (5 to 10 kHz (3 to 11) A (45 to 100) Hz 100 Hz to 1 kHz	1.4 mA/A + 100 μA 1.4 mA/A + 100 μA 0.4 mA/A + 100 μA 4.6 mA/A + 1 mA 19 mA/A + 5 mA 8 mA/A + 100 μA 0.54 mA/A + 100 μA 4.6 mA/A + 1 mA 19 mA/A +5 mA 0.54 mA/A + 2 mA 0.81 mA/A + 2 mA	Fluke 5520A
Resistance Source	$\begin{array}{c} (1 \text{ to } 5) \text{ kHz} \\ (0 \text{ to } 11) \Omega \\ (11 \text{ to } 33) \Omega \\ (33 \text{ to } 110) \Omega \\ (110 \text{ to } 330) \Omega \\ 330 \text{ to } 1.1 \text{ k} \Omega \\ (1.1 \text{ to } 3.3) \text{ k} \Omega \\ (3.3 \text{ to } 11) \text{ k} \Omega \\ (11 \text{ to } 33) \text{ k} \Omega \\ (33 \text{ to } 110) \text{ k} \Omega \\ (110 \text{ to } 330) \text{ k} \Omega \\ 330 \text{ to } 1.1 \text{ M} \Omega \\ (1.1 \text{ to } 3.3) \text{ M} \Omega \\ (3.3 \text{ to } 11) \text{ M} \Omega \\ (11 \text{ to } 33) \text{ M} \Omega \\ (33 \text{ to } 110) \text{ M} \Omega \end{array}$	$\begin{array}{c} 23 \text{ mA/A} + 2 \text{ mA} \\ \hline 178 \ \mu\Omega/\Omega + 5 \ \mu\Omega \\ 24 \ \mu\Omega/\Omega + 7.5 \ \mu\Omega \\ 23 \ \mu\Omega/\Omega + 7 \ \mu\Omega \\ 22 \ \mu\Omega/\Omega + 10 \ \mu\Omega \\ 22 \ \mu\Omega/\Omega + 100 \ \mu\Omega \\ 22 \ \mu\Omega/\Omega + 100 \ \mu\Omega \\ 22 \ \mu\Omega/\Omega + 100 \ \mu\Omega \\ 22 \ \mu\Omega/\Omega + 1 \ m\Omega \\ 22 \ \mu\Omega/\Omega + 1 \ m\Omega \\ 22 \ \mu\Omega/\Omega + 0.01 \ \Omega \\ 28 \ \mu\Omega/\Omega + 0.01 \ \Omega \\ 28 \ \mu\Omega/\Omega + 0.15 \ \Omega \\ 100 \ u\Omega/\Omega + 0.25 \ \Omega \\ 203 \ \mu\Omega/\Omega + 12.5 \ \Omega \\ 415 \ u\Omega/\Omega + 15\Omega \end{array}$	Fluke 5520A
Resistance Measure	55 Ω 250 Ω 680 Ω	0.087 Ω 0.14 Ω 0.33 Ω	Fluke 740 Series Process Calibrator
Electrical Simulation of RTD Indicating Devices Pt 385 100 Ω	(-180 to 750) °C	0.62 °C	Fluke 740 Series Process Calibrator





Electrical – DC/Low Frequency

Parameter / Equipment	Range	Expanded Uncertainty of Measurement (+/-)	Reference Standard, Method and/or Equipment
	(0 to 330) mV	17 μ <mark>V</mark> /V + 1 μV	
DC Voltage	(0 to 3.3) V	9.4 <mark>μV/</mark> V + 2 μV	
Source	(0 to 33) V	$10 \ \mu V/V + 20 \ \mu V$	Fluke 5520A
Source	(33 to 330) V	15 μ <mark>V/V</mark> + 150 μV	
	(100 to 1 000) V	14.9 <mark>9 μV/V</mark> + 1.5 mV	
	(1 to 33) mV		
	(10 to 45) Hz	623 μV/V + 6 μV	
	45 Hz to 10 kHz	170 μV/V + 6 μV	
	(10 to 20) kHz	<u>198 μ</u> V/V + 6 μV	
	(20 to 50) kHz	<mark>813</mark> μV/V + 6 μV	
	(50 to 100) kHz	$2.7 \text{ mV/V} + 12 \mu \text{V}$	
	(100 to 500) kHz	<u>6 m</u> V/V + 12 μV	
	(33 to 330) mV		
	(10 to 45) Hz	242 μV/V + 8 μV	
	45 Hz t <mark>o 10 kHz</mark>	<u>136 μV/V</u> + 8 μV	
	(10 to 20) kHz	132 μV/V + 8 μV	
	(20 to 5 <mark>0) kHz</mark>	$280 \mu V/V + 8 \mu V$	
	(50 to 100) kHz	$625 \ \mu V/V + 32 \ \mu V$	
	(100 to 500) kHz	$1.6 \text{ mV/V} + 70 \mu \text{V}$	
	(0.33 to 3.3) V		
AC Voltage	(10 to 45) Hz	$243 \ \mu V/V + 50 \ \mu V$	
Source	45 Hz to 10 kHz	$136 \mu V/V + 60 \mu V$	Fluke 5520A
Boulee	(10 to 20) kHz	$162 \mu V/V + 60 \mu V$	
	(20 to 50) kHz	$244 \ \mu V/V + 50 \ \mu V$	
	(50 to 100) kHz	$538 \mu V/V + 125 \mu V$	
	(100 to 500) kHz	$2 \text{ mV/V} + 600 \mu \text{V}$	
	(3.3 to 33) V		
	(10 to 45) Hz	$240 \mu V/V + 650 \mu V$	
	45 Hz to 10 kHz	$120 \ \mu V/V + 600 \ \mu V$	
	(10 to 20) kHz	$187 \ \mu V/V + 600 \ \mu V$	
	(20 to 50) kHz	$281 \mu V/V + 600 \mu V$	
	(50 to 100) kHz	$696 \mu V/V + 1.6 mV$	
	(33 to 330) V		
	(10 to 45) Hz	$166 \mu V/V + 2 mV$	
	45 Hz to 10 kHz	$162 \mu V/V + 6 mV$	
	(10 to 20) kHz	$192 \mu V/V + 6 mV$	
	(20 to 50) kHz	$245 \mu V/V + 6 mV$	
	(50 to 100) kHz	2 mV/V + 50 mV	





Electrical – DC/Low Frequency

Parameter / Equipment	Range	Expanded Uncertainty of Measurement (+/-)	Reference Standard, Method and/or Equipment
AC Voltage Source	(330 to 1 020) V 45 Hz to 1 kHz (1 to 5) kHz (5 to 10) kHz	237 μ V/V + 10 mV 199 μ V/V + 10 mV 238 μ V/V + 10 mV	Fluke 5520A
Electrical Simulation of Thermocouple Indicating Devices	Type K (-200 to 1 300) °C Type J (-210 to 1 200) °C Type T (-250 to 400) °C	0.69 °C 0.64 °C 0.78 °C	Fluke 740 Series Process Calibrator

Length – Dimensional Metrology

Parameter / Equipment	Range	Expanded Uncertainty of Measurement (+/-)	Reference Standard, Method and/or Equipment
End Standards	(Up to 12) in	36 µin	Gage Blocks and P & W LMU 175
Rules and Scales	(0 to 72) in	0.013 in	Gage Blocks and magnifier
Plug / Pin Gages	Up to 4 in	28 µin	P&W LMU 175 and Gage Blocks
Thread Wires (80 to 6) TPI	(0.007 to 0.097) in	19 µin	P&W LMU 175 and Gage Blocks
Gage Blocks	(0 to 4) in	6.1 µin	Comparator and Gage Blocks
Torque Arms	(0 to 10) in	589 µin	Surface Plate and Height Gage
OD Cylinder Gages	(0 to 1) in (1 to 10) in	(10 + 1.5 <i>L</i>) μin (11 + 6 <i>L</i>) μin	P&W LMU 175 and Gage
ID Cylinder Gages	(0.04 to 1) in (1 to 12) in	(10 + 1.5 <i>L</i>) μin (11 + 6 <i>L</i>) μin	Blocks
Thread Plugs Pitch Diameter (80 to 6) TPI Major Diameter	(0.007 to 0.097) in Up to 4 in	(121 + 0.12 <i>L</i>) μin (42 + 0.33 <i>L</i>) μin	P&W LMU 175 Gage Blocks Thread Wires
Root Radius & Minor Diameter	(0.06 to 4) in	(216 + 0.05 <i>L</i>) μin	Optical Comparator





Length – Dimensional Metrology

Parameter / Equipment	Range	Expanded Uncertainty of Measurement (+/-)	Reference Standard, Method and/or Equipment
Almen Kit Step Blocks	(0.005 to 0.025) in	4 0 μin	Gage Blocks and Electronic
Depth	(0.2 to 0.6) mm	1 μm	Indicator
Flatness	(0 to 2) inD	<mark>0.05</mark> μm	Optical Flat
Height Gages			
0.000 1 in resolution	(0 to 24) in	$(57.3 + 0.6L) \mu in$	Gage Blocks
0.001 in resolution		<u>(577 + 0.</u> 07 <i>L</i>) μin	
Indicators		$(20 \pm 0.28I)$ uin	
0.00005 in resolution	(0 to 6) in	$(29 + 0.28L) \mu m$ (58 + 0.14L) µm	Gage Blocks
0.000 5 in resolution	(0100) III	$(38 \pm 0.04I)$ µm	Gage Blocks
0.000 5 m resolution		$(20) + 0.04L) \mu m$ (577 + 0.02L) µm	
Calipers		(317 + 0.02L) µm	
0.000.5 in resolution	(0 to 40) in	$(289 \pm 0.26L)$ uin	Gage Blocks
0.001 in resolution	(0 10 10) 11	(577 + 0.13L) µm	Suge Dioens
OD Micrometers			
0.000 05 in resolution	(0 to 4) in	(29.1 + 0.4L) µin	
0.000 1 in resolution	(0 to 12) in	(58 + 0.46L) µin	Gage Blocks
0.001 in resolution	(0 to 24) in	(578 + 0.1L) µin	
Bore Gages	(0.25 to 6) in	586 µin	Master Ring and Gage Blocks
Almen Gauges	(0.005 to 0.025) in	80 µin	Step Blocks
Indicator Accuracy	(0.2 to 0.6) mm	- 2 μm	
Depth Gages			
0.000 1 in resolution	(0 to 12) in	(289 + 0.05L) µin	Depth Standard/Gage
0.001 in resolution		(577 + 0.03L) µin	Blocks
Optical Comparators			Gaga Plaaks/Gaga
Linear Travel	(0 to 10) in	141 µin	Ralls/Sine Bar
Angle	Angle 0° to 90°	0.1 °	Dans/Sine Dai







Parameter / Equipment	Range	Expanded Uncertainty of Measurement (+/-)	Reference Standard, Method and/or Equipment
Force Gages (0.000 1 lbf Resolution) (0.000 2 lbf Resolution) (0.000 5 lbf Resolution) (0.01 lbf Resolution) (0.1 lbf Resolution) (0.2 lbf Resolution) (0.5 lbf Resolution)	(0 to 5) lbf (0 to 11) lbf (0 to 22) lbf (0 to 110) lbf (0 to 300) lbf (0 to 1 000) lbf (0 to 3 000) lbf	0.000 59 lbf 0.002 lbf 0.003 lbf 0.044 lbf 0.15 lbf 0.31 lbf 0.79 lbf	Class 6 Weights
Force – Tension and Compression (1 lbf resolution) (10 lbf resolution) (10 lbf resolution)	(0 to 10 000) lbf (0 to 10 000) lbf (0 to 100 000) lbf	2.3 lbf 18 lbf 60 lbf	Load Cells
ASTM D 2240, Direct Verification of Types A, D, & Durometers,			
Force	(20 to 90) Duro	0.6 Duro	Balance
Indenter Extension Indenter Diameter Indenter Tip Radius	(0 to 0.2) in	190 µin	Optical Comparator
Indenter Tip Angle	(0 to 35) Deg	0.1 Deg	Optical Comparator
Indirect Verification of Rockwell Hardness Testers	HRA High Middle Low HRBW High Middle Low HRC High Middle Low HR15N High Middle Low	0.9 HRA 0.9 HRA 1.1 HRA 0.98 HRBW 1.1 HRBW 1.2 HRBW 0.95 HRC 0.97 HRC 0.97 HRC 0.97 HRC 0.97 HRC 0.89 HR15N 1.1 HR15N 1.2 HR15N	ASTM E 18 Hardness Test Blocks





Parameter / Equipment	Range	Expanded Uncertainty of Measurement (+/-)	Reference Standard, Method and/or Equipment
	HR15TW		
	High	0.9 <mark>6 H</mark> R15TW	
	Middle	1. <mark>1 HR</mark> 15TW	
	Low	0 <mark>.89 HR</mark> 15TW	
	HR30N		
Indirect Verification of	High	0.95 HR30N	ASTM E 18
Rockwell Hardness Testers	Middle	0.89 HR30N	Hardness Test Blocks
	Low	I.I HR30N	
	HR301W	1.2 UD 2073	
	High	1.2 HK301 W	
	I aw	1.2 HK501 W	
		1.2 HR501 w	
	HBW 10/3 000 High	0.05	
	Diameter	0.05mm	
	Hardness	18 HB W	
	Diameter	0.00 mm	
	Hardnoss	0.09 IIIII	
	HBW 10/1 500 High	9.2 HD W	
	Diameter	0.09 mm	
Indirect Verification of	Hardness	23 HBW	
Brinell Hardness Tester	HBW 10/1 500 Low	25 112	ASTM E10-14
	Diameter	0.04mm	
	Hardness	3.5 HBW	
	HBW 10/500 High		
	Diameter	0.06 mm	
	Hardness	6.7 HBW	
	HBW 10/500 Low		
	Diameter	0.06 mm	
	Hardness	2.6 HBW	
Class F Mass Standards	20 lb	0.000 11 lb	
	25 lb	0.000 37 lb	
	50 lb	0.000 5 lb	
	500 lb	0.011 lb	Modified Substitution
	1 000 lb	0.015 lb	
	10 kg	0.19 g	
	20 Kg	0.21 g	
	23 Kg	0.21 g	





Parameter / Equipment	Range	Expanded Uncertainty of Measurement (+/-)	Reference Standard, Method and/or Equipment
Lab Balances (0.000 1 g Resolution) (0.001 g Resolution) (0.01 g Resolution) (0.1 g Resolution)	(0 to 310) g (0 to 510) g (0 to 1 000) g (0 to 16) kg	0.7 mg 1.8 mg 16 mg 0.17 g	Class 1 Weights and NIST Handbook 44 utilized for the Calibration of Weighing Systems
Lab Balances (0.1 g Resolution)	(0 to 8 100) g	0.16 g	Class 2 Weights and NIST Handbook 44 utilized for the Calibration of Weighing Systems
High Resolution Unmarked Scales (0.000 1 kg Resolution)	(0 to 40) kg (40 to 150) kg	0.0004 kg 0.0009 kg	Class 1 and Class 2 Weights with Substitution to range of use
High Resolution Unmarked Scales ³ (0.000 02 lb Resolution) (0.000 05 lb Resolution) (0.000 1 lb Resolution) (0.000 2 lb Resolution) (0.000 5 lb Resolution) (0.001 lb Resolution) (0.002 lb Resolution) (0.005 lb Resolution)	(0 to 6) lb (0 to 12) lb (0 to 30) lb (0 to 70) lb (0 to 120) lb (0 to 200) lb (0 to 300) lb (0 to 600) lb	0.000 6 lb 0.001 2 lb 0.005 8 lb 0.006 9 lb 0.012 lb 0.023 lb 0.035 lb 0.07 lb	Class F Weights and NIST Handbook 44 utilized for the Calibration of Weighing Systems
Industrial and Commercial Scales ⁴ (0.01 lb Resolution) (0.02 lb Resolution) (0.05 lb Resolution) (0.1 lb Resolution) (0.2 lb Resolution) (0.5 lb Resolution) (1 lb Resolution) (2 lb Resolution) (5 lb Resolution) (10 lb Resolution) (20 lb Resolution)	$\begin{array}{c} (0 \ \text{to} \ 100) \ \text{lb} \\ (0 \ \text{to} \ 200) \ \text{lb} \\ (0 \ \text{to} \ 500) \ \text{lb} \\ (0 \ \text{to} \ 500) \ \text{lb} \\ (0 \ \text{to} \ 2 \ 000) \ \text{lb} \\ (0 \ \text{to} \ 5 \ 000) \ \text{lb} \\ (0 \ \text{to} \ 10 \ 000) \ \text{lb} \\ (0 \ \text{to} \ 20 \ 000) \ \text{lb} \\ (0 \ \text{to} \ 50 \ 000) \ \text{lb} \\ (0 \ \text{to} \ 50 \ 000) \ \text{lb} \\ (0 \ \text{to} \ 50 \ 000) \ \text{lb} \\ (0 \ \text{to} \ 50 \ 000) \ \text{lb} \\ (0 \ \text{to} \ 50 \ 000) \ \text{lb} \\ (0 \ \text{to} \ 200 \ 000) \ \text{lb} \\ (0 \ \text{to} \ 200 \ 000) \ \text{lb} \\ (0 \ \text{to} \ 200 \ 000) \ \text{lb} \end{array}$	0.016 lb 0.04 lb 0.1 lb 0.2 lb 0.4 lb 1 lb 2 lb 4 lb 11 lb 15 lb 35 lb	Class F Weights and NIST Handbook 44 utilized for the Calibration of Weighing Systems





Parameter / Equipment	Range	Expanded Uncertainty of Measurement (+/-)	Reference Standard, Method and/or Equipment
Industrial and Commercial Scales ⁴ (0.001 kg resolution)	(0 to 10) kg	0.002 kg	
(0.001 kg resolution) (0.002 kg resolution) (0.01 kg resolution) (0.02 kg resolution) (0.05 kg resolution)	(0 to 10) kg (0 to 20) kg (0 to 50) kg (0 to 100) kg (0 to 200) kg (0 to 500) kg	0.002 kg 0.004 kg 0.009 kg 0.02 kg 0.04 kg 0.1 kg	Class F Weights and NIST Handbook 44 utilized for the Calibration of Weighing Systems
(0.1 kg resolution) (0.2 kg resolution) (0.5 kg resolution)	(0 to 1 000) kg (0 to 2 000) kg (0 to 5 000) kg	0.2 kg 0.4 kg 1 kg	
Torque Analyzers – Fixed Points	1 ozf·in to 50 lbf·in (25 to 250) lbf·in (100 to 1 000) lbf·in (25 to 250) lbf·ft	0.049% of reading 0.048% of reading 0.021% of reading 0.018% of reading	Torque Arm and Class 6 Weights
Torque Wrenches	(1 to 10) ozf·in (5 to 50) lbf·in (25 to 250) lbf·in (100 to 1 000) lbf·in (25 to 250) lbf·ft	1.3 % of reading 2.3% of reading	Torque Analyzer
Hydraulic	(30 to 10 000) psi	0.005 % of reading	Deadweight Tester
Pneumatic ¹	(0 to 30) psi (30 to 10 000) psi	0.04 psi 12 psi	Pressure Transducer
Vacuum ¹	(-15 to 0) psi	0.04 psi	Vacuum Transducer

Thermodynamic

Parameter / Equipment	Range	Expanded Uncertainty of Measurement (+/-)	Reference Standard, Method and/or Equipment
Humidity Indicators	11% RH 33 % RH 75 % RH	0.74% RH 0.65% RH 0.94% RH	Saturated Salts & Capacitive Probe
	(20 to 90) % RH	1.6 % RH	Dwyer Comparison ¹





Thermodynamic

Parameter / Equipment	Range	Expanded Uncertainty of Measurement (+/-)	Reference Standard, Method and/or Equipment
Temperature Indicators and probe systems Environmental Temperature indicators and dataloggers	(-30 to 150) °C	0.92 °C	Envirotronics Chamber Temperature Indicator
Temperature Indicators and probe systems	(35 to 375) °C	1.3 °C	Fluke 9100S Drywell
Infrared Thermometers	(35 to 100) °C (100 to 350) °C (350 to 500) °C	0.62 °C 1.5 °C 2 °C	Fluke 4181 $\lambda = (8 \text{ to } 14) \mu\text{m}$ $\mathcal{E} = (0.9 \text{ to } 1.0)$

Calibration and Measurement Capability (CMC) is expressed in terms of the measurement parameter, measurement range, expanded uncertainty of measurement and reference standard, method, and/or equipment. The expanded uncertainty of measurement is expressed as the standard uncertainty of the measurement multiplied by a coverage factor of 2 (k=2), corresponding to a confidence level of approximately 95%.

Notes:

- 1. On-site calibration service is available for this parameter, since on-site conditions are typically more variable than those in the laboratory, larger measurement uncertainties are expected on-site than what is reported on the accredited scope.
- 2. L = Length in inches, D = Diameter in inches
- High Resolution Unmarked Scales include high resolution scales not complying with the accuracy class parameters of Table 3 of NIST Handbook 44.
- 4. Industrial Scales include but are not limited to lab balances, bench scales, floor scales, tank and hopper scales, and vehicle scales.
- 5. Antibus Scales & Systems, Inc has resident technicians located in Perrysburg OH.
- 6. This scope is formatted as part of a single document including Certificate of Accreditation No. L2253.01.



