

Schedule

Shikra Engineering Pte Ltd
10F Enterprise Road
Singapore 629832

Certificate No. : LA-2018-0707-C
Issue No. : 7
Date : 27 February 2026
Expiry of Certificate : 9 December 2026
Page : 1 of 24

Field of Testing : Calibration and Measurement

MEASURED QUANTITIES/ INSTRUMENTS CALIBRATED/ RANGE OF MEASUREMENT	METHOD	CALIBRATION AND MEASUREMENT CAPABILITY (CMC *)	
A Mechanical			
1 Torque Hand Torque Tools, Hydraulic Torque Tools, Electrical Torque Tools, Screw Driver & Torque Multipliers Clockwise & Anticlockwise 0-10 Nm >10-60 Nm >60 – 1500 Nm >1500 – 15000 Nm	SHE-WI-TW001 Rev 08 ISO6789:2017 Part 2	Lab	Site
		0.52%rdg 1.1 %rdg 1.1 %rdg 0.90 %rdg	0.64 %rdg 1.1 %rdg - -
2 Torque Measuring Devices 0 to 1 Nm 1 to 10 Nm 10-60 Nm 60-200 Nm	SHE-WI-TW002 Rev 02	0.001Nm 0.012Nm 0.07Nm 0.5Nm	
3 Low Pressure & Differential Pressure Measuring Instruments		Lab	Site
-0.25 in H ₂ O to 0.25 in H ₂ O	SHE-WI-P001 Rev 09	0.0013inH ₂ O	0.0013 inH ₂ O
-4 in H ₂ O to 4 in H ₂ O		0.0058inH ₂ O	0.0058 inH ₂ O
-5 in H ₂ O to 5 in H ₂ O		0.012 inH ₂ O	0.012 inH ₂ O
-10 in H ₂ O to 10 in H ₂ O	SHE-WI-P002 Rev 09	0.036 inH ₂ O	0.036 inH ₂ O
-30 in H ₂ O to 30 in H ₂ O	SHE-WI-P002 Rev 09	0.036 inH ₂ O	0.036 inH ₂ O

Schedule



Certificate No. : LA-2018-0707-C

Issue No. : 7

Date : 27 February 2026

Page : 2 of 24

MEASURED QUANTITIES/ INSTRUMENTS CALIBRATED/ RANGE OF MEASUREMENT	METHOD	CALIBRATION AND MEASUREMENT CAPABILITY (CMC *)																		
<p>4 Hydraulic Gauge Pressure & Differential Pressure Measuring Instruments</p> <p>0 psi to 300 psi 0 psi to 1000 psi >1000 psi to 3000 psi >3000 psi to 5000 psi >5000 psi to 10000 psi >10000 psi to 20000 psi >20000 psi to 40000 psi >40000 psi to 60000 psi</p>	<p>SHE-WI-P001 Rev 09 SHE-WI-P002 Rev 09</p>	<table border="0"> <tr> <td>Lab</td> <td>Site</td> </tr> <tr> <td>-</td> <td>0.43 psi</td> </tr> <tr> <td>0.30 psi</td> <td>1.8 psi</td> </tr> <tr> <td>0.50 psi</td> <td>1.8 psi</td> </tr> <tr> <td>0.94 psi</td> <td>3.3 psi</td> </tr> <tr> <td>1.6 psi</td> <td>6.8 psi</td> </tr> <tr> <td>2.9 psi</td> <td>12 psi</td> </tr> <tr> <td>49 psi</td> <td>49 psi</td> </tr> <tr> <td>71 psi</td> <td>71 psi</td> </tr> </table>	Lab	Site	-	0.43 psi	0.30 psi	1.8 psi	0.50 psi	1.8 psi	0.94 psi	3.3 psi	1.6 psi	6.8 psi	2.9 psi	12 psi	49 psi	49 psi	71 psi	71 psi
Lab	Site																			
-	0.43 psi																			
0.30 psi	1.8 psi																			
0.50 psi	1.8 psi																			
0.94 psi	3.3 psi																			
1.6 psi	6.8 psi																			
2.9 psi	12 psi																			
49 psi	49 psi																			
71 psi	71 psi																			
<p>5 Pneumatic Gauge Pressure & Differential Pressure Measuring Instruments</p> <p>-14.36 psi to 0 psi >0 psi to 30 psi >30 psi to 99 psi >99 psi to 150 psi >150 psi to 300 psi >300 psi to 1000 psi >1000 psi to 2900 psi</p>	<p>SHE-WI-P001 Rev 09 SHE-WI-P002 Rev 09 SHE-WI-P002 Rev 09</p>	<table border="0"> <tr> <td>Lab</td> <td>Site</td> </tr> <tr> <td>0.012 psi</td> <td>0.02 psi</td> </tr> <tr> <td>0.0096 psi</td> <td>0.04 psi</td> </tr> <tr> <td>0.0094 psi</td> <td>0.09 psi</td> </tr> <tr> <td>0.015psi</td> <td>0.09psi</td> </tr> <tr> <td>0.028 psi</td> <td>0.09 psi</td> </tr> <tr> <td>0.66 psi</td> <td>0.7 psi</td> </tr> <tr> <td>1.8 psi</td> <td>2.0 psi</td> </tr> </table>	Lab	Site	0.012 psi	0.02 psi	0.0096 psi	0.04 psi	0.0094 psi	0.09 psi	0.015psi	0.09psi	0.028 psi	0.09 psi	0.66 psi	0.7 psi	1.8 psi	2.0 psi		
Lab	Site																			
0.012 psi	0.02 psi																			
0.0096 psi	0.04 psi																			
0.0094 psi	0.09 psi																			
0.015psi	0.09psi																			
0.028 psi	0.09 psi																			
0.66 psi	0.7 psi																			
1.8 psi	2.0 psi																			
<p>6 Differential Pressure Measuring Instruments</p> <p>-2 psi to 2 psi -5 psi to 5 psi</p>	<p>SHE-WI-P001 Rev 09 SHE-WI-P002 Rev 09</p>	<table border="0"> <tr> <td>Lab</td> <td>Site</td> </tr> <tr> <td>0.0071psi</td> <td>0.049 psi</td> </tr> <tr> <td>0.034 psi</td> <td>0.050psi</td> </tr> </table>	Lab	Site	0.0071psi	0.049 psi	0.034 psi	0.050psi												
Lab	Site																			
0.0071psi	0.049 psi																			
0.034 psi	0.050psi																			
<p>7 Absolute Pressure / Barometric Measuring Instruments</p> <p>0.05 bar a to 2 bar a 2 bar a to 20 bar a 20 bar a to 70 bar a 70 bar a to 200 bar a 200 bar a to 700 bar a</p>	<p>SHE-WI-P003 Rev 04</p>	<table border="0"> <tr> <td>Lab</td> <td>Site</td> </tr> <tr> <td>0.0012 bar a</td> <td>0.0012 bar a</td> </tr> <tr> <td>0.0069 bar a</td> <td>0.007 bar a</td> </tr> <tr> <td>0.074 bar a</td> <td>0.08 bar a</td> </tr> <tr> <td>0.13 bar a</td> <td>0.2 bar a</td> </tr> <tr> <td>0.75 bar a</td> <td>0.8 bar a</td> </tr> </table>	Lab	Site	0.0012 bar a	0.0012 bar a	0.0069 bar a	0.007 bar a	0.074 bar a	0.08 bar a	0.13 bar a	0.2 bar a	0.75 bar a	0.8 bar a						
Lab	Site																			
0.0012 bar a	0.0012 bar a																			
0.0069 bar a	0.007 bar a																			
0.074 bar a	0.08 bar a																			
0.13 bar a	0.2 bar a																			
0.75 bar a	0.8 bar a																			

Schedule



Certificate No. : LA-2018-0707-C

Issue No. : 7

Date : 27 February 2026

Page : 3 of 24

MEASURED QUANTITIES/ INSTRUMENTS CALIBRATED/ RANGE OF MEASUREMENT	METHOD	CALIBRATION AND MEASUREMENT CAPABILITY (CMC *)																				
<p>9 Tachometer (Non Contact)</p> <p>6 rpm to 100 rpm >100 rpm to 1000 rpm >1000 rpm to 10000 rpm >10000 rpm to 60000 rpm >60000 rpm to 99999 rpm</p> <p>(Contact)</p> <p>6 rpm to 100 rpm >100 rpm to 1000 rpm >1000 rpm to 10000 rpm</p>	<p>SHE-WI-M003 Rev 03</p> <p>SHE-WI-M003 Rev 03</p>	<table border="0"> <tr> <td>Lab</td> <td>Site</td> </tr> <tr> <td>0.01 rpm</td> <td>0.01 rpm</td> </tr> <tr> <td>0.1 rpm</td> <td>0.1 rpm</td> </tr> <tr> <td>1 rpm</td> <td>1 rpm</td> </tr> <tr> <td>2 rpm</td> <td>2 rpm</td> </tr> <tr> <td>3 rpm</td> <td>3 rpm</td> </tr> <tr> <td>Lab</td> <td>Site</td> </tr> <tr> <td>0.03 rpm</td> <td>0.03 rpm</td> </tr> <tr> <td>0.3 rpm</td> <td>0.3 rpm</td> </tr> <tr> <td>3 rpm</td> <td>3 rpm</td> </tr> </table>	Lab	Site	0.01 rpm	0.01 rpm	0.1 rpm	0.1 rpm	1 rpm	1 rpm	2 rpm	2 rpm	3 rpm	3 rpm	Lab	Site	0.03 rpm	0.03 rpm	0.3 rpm	0.3 rpm	3 rpm	3 rpm
Lab	Site																					
0.01 rpm	0.01 rpm																					
0.1 rpm	0.1 rpm																					
1 rpm	1 rpm																					
2 rpm	2 rpm																					
3 rpm	3 rpm																					
Lab	Site																					
0.03 rpm	0.03 rpm																					
0.3 rpm	0.3 rpm																					
3 rpm	3 rpm																					
<p>10 Rotor Apparatus Speed (RPM)</p> <p>6 rpm to 100 rpm >100 rpm to 1000 rpm >1000 rpm to 10000 rpm >10000 rpm to 50000 rpm >50000 rpm to 99999 rpm</p>	<p>SHE-WI-M003 Rev 03</p>	<table border="0"> <tr> <td>Lab</td> <td>Site</td> </tr> <tr> <td>0.03 rpm</td> <td>0.03 rpm</td> </tr> <tr> <td>0.3 rpm</td> <td>0.3 rpm</td> </tr> <tr> <td>3.0 rpm</td> <td>3.0 rpm</td> </tr> <tr> <td>12 rpm</td> <td>12 rpm</td> </tr> <tr> <td>23 rpm</td> <td>23 rpm</td> </tr> </table>	Lab	Site	0.03 rpm	0.03 rpm	0.3 rpm	0.3 rpm	3.0 rpm	3.0 rpm	12 rpm	12 rpm	23 rpm	23 rpm								
Lab	Site																					
0.03 rpm	0.03 rpm																					
0.3 rpm	0.3 rpm																					
3.0 rpm	3.0 rpm																					
12 rpm	12 rpm																					
23 rpm	23 rpm																					
<p>11 Sound Pressure Level</p> <p>94 dBA 114 dBA</p>	<p>SHE-WI-M002 Rev 04 At 1kHz At 1kHz</p>	<table border="0"> <tr> <td>Lab</td> <td>Site</td> </tr> <tr> <td>0.23dB</td> <td>0.24 dB</td> </tr> <tr> <td>0.24dB</td> <td>0.24 dB</td> </tr> </table>	Lab	Site	0.23dB	0.24 dB	0.24dB	0.24 dB														
Lab	Site																					
0.23dB	0.24 dB																					
0.24dB	0.24 dB																					
<p>12 Weighing Balance and Scales</p> <p>0 to 1000 mg 1 to 32 g 32 to 100 g 100 to 6200 g 6.2 to 21 kg 21 to 60 kg 60 to 200 kg 200 to 350 kg 350 to 800 kg</p>	<p>SHE-WI-M009 Rev 04</p>	<table border="0"> <tr> <td>Lab</td> <td>Site</td> </tr> <tr> <td>0.005mg</td> <td>0.005mg</td> </tr> <tr> <td>0.000017 g</td> <td>0.000017 g</td> </tr> <tr> <td>0.0003 g</td> <td>0.0003 g</td> </tr> <tr> <td>0.01 g</td> <td>0.01g</td> </tr> <tr> <td>0.0001 kg</td> <td>0.0001 kg</td> </tr> <tr> <td>0.001 kg</td> <td>0.001 kg</td> </tr> <tr> <td>0.01 kg</td> <td>0.01 kg</td> </tr> <tr> <td>0.1 kg</td> <td>0.1 kg</td> </tr> <tr> <td>0.1 kg</td> <td>0.1 kg</td> </tr> </table>	Lab	Site	0.005mg	0.005mg	0.000017 g	0.000017 g	0.0003 g	0.0003 g	0.01 g	0.01g	0.0001 kg	0.0001 kg	0.001 kg	0.001 kg	0.01 kg	0.01 kg	0.1 kg	0.1 kg	0.1 kg	0.1 kg
Lab	Site																					
0.005mg	0.005mg																					
0.000017 g	0.000017 g																					
0.0003 g	0.0003 g																					
0.01 g	0.01g																					
0.0001 kg	0.0001 kg																					
0.001 kg	0.001 kg																					
0.01 kg	0.01 kg																					
0.1 kg	0.1 kg																					
0.1 kg	0.1 kg																					

Schedule



Certificate No. : LA-2018-0707-C

Issue No. : 7

Date : 27 February 2026

Page : 4 of 24

MEASURED QUANTITIES/ INSTRUMENTS CALIBRATED/ RANGE OF MEASUREMENT	METHOD	CALIBRATION AND MEASUREMENT CAPABILITY (CMC *)
13 Standard Weights 1 to 100 mg 100 to 1000 mg 1 to 20 g 20 to 5000 g 5 to 20 kg	SHE-WI-M008 Rev 04	Lab 0.012mg 0.048 mg 0.00011 g 0.02g 0.0001 kg
14 Force Measuring Devices 0 to 100 gf 100 to 1000gf 1 to 10kgf 10 to 60kgf 60 to 100kgf 100 to 200kgf 200 to 500kgf 500 to 800kgf	SHE-WI-M005 Rev 02 & SHE-WI-M007 Rev 03	Lab 0.01 gf 0.01 gf 0.001 kgf 0.001 kgf 0.002 kgf 0.01 kgf 0.1 kgf 0.1 kgf
15 Durometer 0 to 100HA	SHE-WI-M006 Rev 04	Lab 0.2HA
16 GAS FLOW (Mass/Volume) (0.1 ~ 2) SLPM (2 ~ 10) SLPM (10 ~ 20) SLPM (20 ~ 100) SLPM	SHE-WI-M011 Rev 02	Lab 0.76% 0.76% 1.1% 1.1%
17 BELT TENSION METER (0 to 100) Hz (100 to 1000) Hz (1000 to 10000) Hz	SHE-WI-M015 Rev 01	Lab 0.1Hz 1 Hz 1 Hz
18 Air Flow Meter (Anemometer, Pitot Tube, Balometer) 1 to 3 m/s >3 to 10 m/s >10 to 20 m/s >20 to 30 m/s	SHE-WI-M004 Rev 01	Lab 0.27m/s 0.38m/s 0.49m/s 0.76m/s

Schedule



Certificate No. : LA-2018-0707-C

Issue No. : 7

Date : 27 February 2026

Page : 5 of 24

MEASURED QUANTITIES/ INSTRUMENTS CALIBRATED/ RANGE OF MEASUREMENT	METHOD	CALIBRATION AND MEASUREMENT CAPABILITY (CMC *)	
B Temperature			
1 Contact Temperature Sensor with Indicator -70 °C to -20 °C >-20 °C to 100 °C >100 °C to 150 °C >150 °C to 400 °C >400 °C to 500 °C >500 °C to 660 °C	SHE-WI-T001 Rev 06	0.12 °C 0.08 °C 0.08 °C 0.42 °C 0.60 °C 0.60 °C	- 0.1 °C 0.1 °C 0.42 °C 0.60 °C -
2 Contact Temperature Sensor without Indicator -70 °C to -20 °C >-20 °C to 150 °C >150 °C to 400 °C >400 °C to 500 °C >500 °C to 660 °C	SHE-WI-T003 Rev 05	0.12 °C 0.08 °C 0.42 °C 0.60 °C 0.60 °C	- 0.13 °C 0.42 °C 0.60 °C -
3 Thermocouple Sensor with Indicator -70 °C to -20 °C >-20 °C to 50 °C >50 °C to 200 °C >200 °C to 420 °C >420 °C to 500 °C >500 °C to 660 °C	SHE-WI-T001 Rev 06	0.22 °C 0.19 °C 0.45 °C 0.61 °C 0.74 °C 0.74 °C	- 0.4 °C 0.9 °C 1.1 °C 1.2 °C -
4 Thermocouple Sensor without Indicator -70 °C to -20 °C >-20 °C to 50 °C >50 °C to 200 °C >200 °C to 420 °C >420 °C to 660 °C	SHE-WI-T002 Rev 05	Lab 0.41 °C 0.40 °C 0.49 °C 0.64 °C 0.77 °C	Site - 0.5 °C 1.0 °C 1.2 °C -
5 Glass Thermometer (Partial Immersion) Scale Division: Best UUT Resolution 0.05°C 0 °C to 110 °C >110 °C to 200 °C >200 °C to 250 °C	SHE-WI-T005 Rev 06	Lab 0.27 °C 0.5 °C 0.6°C	

Schedule



Certificate No. : LA-2018-0707-C

Issue No. : 7

Date : 27 February 2026

Page : 6 of 24

MEASURED QUANTITIES/ INSTRUMENTS CALIBRATED/ RANGE OF MEASUREMENT	METHOD	CALIBRATION AND MEASUREMENT CAPABILITY (CMC *)
<p>6 Glass Thermometer (Total Immersion) Scale Division: Best UUT Resolution 0.05°C 0 °C to 110 °C >110 °C to 200 °C >200 °C to 250 °C</p>	<p>SHE-WI-T005 Rev 06</p>	<p>Lab 0.16 °C 0.4°C 0.6°C</p>
<p>7 Air Temperature and Relative Humidity Measuring Instruments</p> <p>At (5 °C to 15 °C) 1.5 %rh to 50 %rh 50 %rh to 70 %rh 70 %rh to 95 %rh</p> <p>15 °C to 23 °C 1 %rh to 50 %rh 50 %rh to 70 %rh 70 %rh to 95 %rh</p> <p>23 °C to 60 °C 0.5 %rh to 50 %rh 50 %rh to 70 %rh 70 %rh to 95 %rh</p> <p>-70 °C to 0 °C >0 °C to 70 °C >70 °C to 100 °C >100 °C to 150 °C</p>	<p>SHE-WI-T009 Rev 04</p>	<p>Lab 0.15°C 1.50 %rh 1.90 %rh 2.40 %rh</p> <p>0.15 °C 1.30 %rh 1.90 %rh 2.40 %rh</p> <p>0.15 °C 1.20 %rh 1.80 %rh 2.40 %rh</p> <p>0.5 °C 0.3 °C 0.5 °C 0.5 °C</p>
<p>8 Infrared Thermometer $\epsilon=0.90$ to 1.00 Spectral Band 8 to 14μm 0 °C 35 °C to 50 °C >50 °C to 100 °C >100 °C to 200 °C >200 °C to 350 °C >350 °C to 500 °C</p>	<p>SHE-WI-T008 Rev 03</p>	<p>Lab 0.9°C 0.9°C 1.4°C 2.1°C 4.7°C 6.0°C</p>

Schedule



Certificate No. : LA-2018-0707-C

Issue No. : 7

Date : 27 February 2026

Page : 7 of 24

MEASURED QUANTITIES/ INSTRUMENTS CALIBRATED/ RANGE OF MEASUREMENT	METHOD	CALIBRATION AND MEASUREMENT CAPABILITY (CMC *)	
9 Dry Block Calibrators -95 °C to 150 °C >150 °C to 400 °C >400 °C to 660 °C	SHE-WI-T007 Rev 04	Lab 0.2 °C 0.5 °C 0.7 °C	Site 0.7 °C 1.0 °C 1.2 °C
10 Thermocouple Measuring and Simulating Instruments K-Type -200 °C to 0 °C >0 °C to 1372 °C	SHE-WI-T004 Rev 05	Lab 0.22 °C 0.18 °C	Site 0.47 °C 0.37 °C
11 Thermocouple Measuring and Simulating Instruments J-Type -210 °C to -200 °C >-200 °C to 0 °C >0 °C to 1200 °C	SHE-WI-T004 Rev 05	Lab 0.17 °C 0.13 °C 0.12 °C	Site 0.34 °C 0.29 °C 0.24 °C
12 Thermocouple Measuring and Simulating Instruments T-Type -270 °C to -200 °C >-200 °C to -100 °C >-100 °C to 0 °C >0 °C to 400 °C	SHE-WI-T004 Rev 05	Lab 1.5 °C 0.19 °C 0.12 °C 0.12 °C	Site 1.5 °C 0.45 °C 0.38 °C 0.24 °C
13 Thermocouple Measuring and Simulating Instruments R-Type -50 °C to 0 °C 0 °C to 150 °C 150 °C to 400 °C >400 °C to 1768 °C	SHE-WI-T004 Rev 05	Lab 0.62 °C 0.6 °C 0.6 °C 0.5 °C	Site - 1.1 °C 0.9 °C 0.9 °C
14 Thermocouple Measuring and Simulating Instruments S-Type -50 °C to 0 °C 0 °C to 100 °C >100 °C to 1768 °C	SHE-WI-T004	Lab 0.71 °C 0.7 °C 0.7 °C	Site - 1.1 °C 0.9 °C

Schedule



Certificate No. : LA-2018-0707-C

Issue No. : 7

Date : 27 February 2026

Page : 8 of 24

MEASURED QUANTITIES/ INSTRUMENTS CALIBRATED/ RANGE OF MEASUREMENT	METHOD	CALIBRATION AND MEASUREMENT CAPABILITY (CMC *)	
15 Thermocouple Measuring and Simulating Instruments N-Type -200 °C to -100 °C >-100 °C to 0 °C >0 °C to 1300 °C	SHE-WI-T004 Rev 05	Lab 0.68 °C 0.57 °C 0.60 °C	Site 0.68 °C 0.57 °C 0.60 °C
16 Thermocouple Measuring and Simulating Instruments E-Type -270 °C to -200 °C >-200 °C to 1000 °C	SHE-WI-T004 Rev 05	Lab 0.76 °C 0.53 °C	Site 0.76 °C 0.53 °C
17 RTD Sourcing Instruments -189 °C to 0 °C 0 °C to 200 °C >200 °C to 400 °C >400 °C to 600 °C >600 °C to 800 °C >800 °C to 960 °C	SHE-WI-T004 Rev 05	Lab 0.008 °C 0.014 °C 0.021 °C 0.028 °C 0.028 °C 0.028 °C	Site 0.11 °C 0.11 °C 0.17 °C 0.17 °C 0.31 °C 0.31 °C
18 RTD Measuring Instruments -200 °C to 0 °C >0 °C to 200 °C >200 °C to 400 °C >400 °C to 850 °C	SHE-WI-T004 Rev 05	Lab 0.15 °C 0.11 °C 0.13 °C 0.28 °C	Site 0.15 °C 0.11 °C 0.13 °C 0.28 °C
19 Temperature Enclosure Calibration -80 °C to 150 °C >150 °C to 300 °C >300 °C to 1000 °C >1000 °C to 1200 °C	SHE-WI-T010 Rev 03	Lab 0.96 °C 1.1 °C 2.8 °C 4.3 °C	Site 0.96 °C 1.1 °C 2.8 °C 4.3 °C
20 Temperature Surface Probe 0 °C to 95 °C 95 °C to 250 °C 250 °C to 400 °C	SHE-WI-T011 Rev 03	Lab 0.5 °C 1.5 °C 5.0 °C	

Schedule



Certificate No. : LA-2018-0707-C

Issue No. : 7

Date : 27 February 2026

Page : 9 of 24

MEASURED QUANTITIES/ INSTRUMENTS CALIBRATED/ RANGE OF MEASUREMENT	METHOD	CALIBRATION AND MEASUREMENT CAPABILITY (CMC *)				
21 Temperature Hot Plate (Surface Temperature) 0 °C to 250 °C	SHE-WI-T012 Rev 03	<table border="0"> <tr> <td>Lab</td> <td>Site</td> </tr> <tr> <td>2.2 °C</td> <td>2.2 °C</td> </tr> </table>	Lab	Site	2.2 °C	2.2 °C
Lab	Site					
2.2 °C	2.2 °C					
C Electrical Lab & Site						
1 DC Voltage Measuring instruments 0 mV to 200 mV 0.2 V to 2 V 2 V to 20 V 20 V to 200 V 200 V to 1000 V	SHE-WI-E001 Rev 05	0.0014% + 0.0025 mV 0.00081% + 0.000012 V 0.00069% + 0.000096 V 0.0012% + 0.0013 V 0.0012% + 0.0085 V				
2 AC Voltage Measuring instruments 20 mV to 200 mV 20 mV to 200 mV 20 mV to 200 mV 20 mV to 200 mV 20 mV to 200 mV 0.2 V to 2 V 0.2 V to 2 V 0.2 V to 2 V 0.2 V to 2 V 0.2 V to 2 V 2 V to 20 V 20 V to 200 V 20 V to 200 V 20 V to 200 V 20 V to 200 V 200 V to 1000 V 200 V to 1000 V 200 V to 1000 V	SHE-WI-E001 Rev 05 10 Hz to 44 Hz 45 Hz to 999 Hz 1 kHz to 19.999 kHz 20 kHz to 99.999 kHz 100 kHz to 500 kHz 10 Hz to 44 Hz 45 Hz to 999 Hz 1 kHz to 19.999 kHz 20 kHz to 99.999 kHz 100 kHz to 500 kHz 10 Hz to 44 Hz 45 Hz to 999 Hz 1 kHz to 19.999 kHz 20 kHz to 100 kHz 30 Hz to 44 Hz 45 Hz to 999 Hz 1 kHz to 9.999 kHz 10 KHz to 20 KHz 30 Hz to 44 Hz 45 Hz to 999 Hz 1 kHz to 10 kHz	0.069% + 0.065 mV 0.012% + 0.060 mV 0.014% + 0.077 mV 0.10% + 2.5 mV 0.35% + 2.5 mV 0.052% + 0.00065 V 0.016% + 0.00028 V 0.018% + 0.00045 V 0.067% + 0.00035 V 0.29% + 0.00052 V 0.050% + 0.0031 V 0.015% + 0.0027 V 0.018% + 0.0044 V 0.060% + 0.0035 V 0.050% + 0.040 V 0.015% + 0.030 V 0.018% + 0.047 V 0.028% + 0.076 V 0.058% + 0.33 V 0.017% + 0.18 V 0.023% + 0.26 V				

Schedule



Certificate No. : LA-2018-0707-C

Issue No. : 7

Date : 27 February 2026

Page : 10 of 24

MEASURED QUANTITIES/ INSTRUMENTS CALIBRATED/ RANGE OF MEASUREMENT	METHOD	CALIBRATION AND MEASUREMENT CAPABILITY (CMC *)
<p>3 DC Current Measuring Instruments</p> <p>0 uA to 200 uA 0.2 mA to 2 mA 2 mA to 20 mA 20 mA to 200 mA 0.2 A to 2 A 2 A to 10 A 10 A to 20 A 20 A to 30 A</p>	<p>SHE-WI-E001 Rev 05</p>	<p>0.0092% + 0.023 uA 0.0046% + 0.000074 mA 0.0046% + 0.00045 mA 0.0046% + 0.0023 mA 0.0081% + 0.00011 A 0.023% + 0.00077 A 0.023% + 0.001 A 0.035% + 0.005 A</p>
<p>4 DC Current Measuring Instruments (Clamp)</p> <p>0 to 20 A 20 to 60 A 60 to 300 A 300 to 1500 A</p>	<p>SHE-WI-E001 Rev 05</p>	<p>0.42% + 0.1 A 0.42% + 0.2 A 0.48% + 0.2 A 0.29% + 2 A</p>
<p>5 AC Current Measuring instruments</p> <p>20 uA to 200 uA 20 uA to 200 uA 20 uA to 202 uA 0.2 mA to 2 mA 0.2 mA to 2 mA 0.2 mA to 2.02 mA 2 mA to 20 mA 2 mA to 20 mA 2 mA to 20.2 mA 20 mA to 200 mA 20 mA to 200 mA 20 mA to 202 mA 200 mA to 2 A 200 mA to 2 A 200 mA to 2 A 2 A to 10 A 2 A to 10 A 2 A to 10 A 10 A to 20 A 10 A to 20 A</p>	<p>SHE-WI-E001 Rev 05</p> <p>10 Hz to 44 Hz 45 Hz to 999 Hz 1 kHz to 10 kHz 10 Hz to 44 Hz 45 Hz to 999 Hz 1 kHz to 10 kHz 10 Hz to 44 Hz 45 Hz to 999 Hz 1 kHz to 10 kHz 10 Hz to 44 Hz 45 Hz to 999 Hz 1 kHz to 10 kHz 10 Hz to 44 Hz 45 Hz to 999 Hz 1 kHz to 5 kHz 30 Hz to 44 Hz 45 Hz to 99 Hz 0.1 kHz to 1 kHz 30 Hz to 44 Hz 45 Hz to 99 Hz</p>	<p>0.18% + 0.29 uA 0.058% + 0.18 uA 0.92% + 0.23 uA 0.17% + 0.00051 mA 0.046% + 0.00046 mA 0.58% + 0.00053 mA 0.17% + 0.0035 mA 0.040% + 0.0046 mA 0.29% + 0.0053 mA 0.17% + 0.035 mA 0.040% + 0.046 mA 0.46% + 0.061 mA 0.17% + 0.00061 A 0.046% + 0.00055 A 0.46% + 0.00046 A 0.17% + 0.0061 A 0.046% + 0.0055 A 0.46% + 0.0068 A 0.17% + 0.0061 A 0.046% + 0.006 A</p>

Schedule



Certificate No. : LA-2018-0707-C

Issue No. : 7

Date : 27 February 2026

Page : 11 of 24

MEASURED QUANTITIES/ INSTRUMENTS CALIBRATED/ RANGE OF MEASUREMENT	METHOD	CALIBRATION AND MEASUREMENT CAPABILITY (CMC *)
10 A to 20 A 20 A to 30 A 20 A to 30 A 20 A to 30 A	0.1 kHz to 1 kHz 30 Hz to 44 Hz 45 Hz to 99 Hz 100 Hz to 1kHz	0.46% + 0.007 A 0.17% + 0.0035 A 0.046% + 0.013 A 0.14 A
6 AC Current Measuring Instruments (Clamp) 0.2mA to 2mA 0.2mA to 2mA 2mA to 20mA 2mA to 20mA 20mA to 200mA 20mA to 200mA 0.2A to 2A 0.2A to 2A 2 to 20 A 20 to 60 A 60 to 300 A 300 to 1500 A	SHE-WI-E001, Rev 05 45 Hz to 999Hz 1kHz to 10kHz 45 Hz to 999Hz 1kHz to 10kHz 45 Hz to 999Hz 1kHz to 10kHz 45 Hz to 999Hz 1kHz to 10kHz 50 Hz to 60Hz 50 Hz to 60Hz 50 Hz to 60Hz 50 Hz to 60Hz	0.046%+0.00046mA 0.58%+0.00053mA 0.04%+0.0046mA 0.29%+0.0053mA 0.04%+0.046mA 0.46%+0.061mA 0.046%+0.00055A 0.58%+0.002A 0.42% + 0.04 A 0.42% + 0.2 A 0.48% + 0.2 A 0.29% + 2 A
7 Frequency Measuring Instruments 0.1 Hz to 1 Hz 1 Hz to 10 Hz 10 Hz to 100 Hz 0.1 kHz to 1 kHz 1 kHz to 10 kHz 10 kHz to 100 kHz 0.1 MHz to 1 MHz 1 MHz to 10 MHz	SHE-WI-E001 Rev 05	0.0023% + 0.000004 Hz 0.0023% + 0.00002 Hz 0.0023% + 0.0001 Hz 0.0023% + 0.000001 kHz 0.0023% + 0.00001 kHz 0.0023% + 0.0001 kHz 0.0023% + 0.000001 MHz 0.0023% + 0.00001 MHz
8 Resistance Measuring Instruments Discrete Value 40 μΩ 1.045 mΩ 10.43 mΩ 16.51 mΩ 28.03 mΩ 42.6 mΩ 53.56 mΩ 86.1 mΩ 96.9 mΩ 341.5 mΩ	SHE-WI-E001 Rev 05 SHE-WI-E005 Rev 02	0.02 μΩ 0.045 mΩ 0.52 mΩ 0.60 mΩ 1.4 mΩ 1.6 mΩ 2.2 mΩ 1.6 mΩ 2.1 mΩ 3.3 mΩ

Schedule



Certificate No. : LA-2018-0707-C

Issue No. : 7

Date : 27 February 2026

Page : 12 of 24

MEASURED QUANTITIES/ INSTRUMENTS CALIBRATED/ RANGE OF MEASUREMENT	METHOD	CALIBRATION AND MEASUREMENT CAPABILITY (CMC *)
353.2 mΩ		3.6 mΩ
483.1 mΩ		2.9 mΩ
495.3 mΩ		3.7 mΩ
880.1 mΩ		7.1 mΩ
1.696 Ω		0.005 Ω
4.573 Ω		0.010 Ω
8.673 Ω		0.009 Ω
16.979 Ω		0.16 Ω
46.78 Ω		0.05 Ω
91.56 Ω		0.10 Ω
174.38 Ω		0.2 Ω
476.5 Ω		2.5 Ω
885.2 Ω		0.9 Ω
1702 Ω		2 Ω
0 Ω		0.0058 Ω
0.1 Ω		0.0058 Ω
1 Ω		0.0058 Ω
10 Ω		0.0058 Ω
100 Ω		0.0075 Ω
1 kΩ		0.000024 kΩ
10 kΩ		0.00013 kΩ
100 kΩ		0.0021 kΩ
1 MΩ		0.000030 MΩ
10 MΩ		0.0011 MΩ
100 MΩ		0.20 MΩ
1000 MΩ		10 MΩ
Discrete Value AC Resistance	SHE-WI-E005 Rev 02	
1.045 mΩ	50 Hz to 60Hz	0.045 mΩ
16.51 mΩ	50 Hz to 60Hz	0.60 mΩ
28.03 mΩ	50 Hz to 60Hz	1.4 mΩ
42.6 mΩ	50 Hz to 60Hz	1.6 mΩ
53.56 mΩ	50 Hz to 60Hz	2.2 mΩ
86.1 mΩ	50 Hz to 60Hz	1.6 mΩ
96.9 mΩ	50 Hz to 60Hz	2.1 mΩ
341.5 mΩ	50 Hz to 60Hz	3.3 mΩ
353.2 mΩ	50 Hz to 60Hz	3.6 mΩ
483.1 mΩ	50 Hz to 60Hz	2.9 mΩ
495.3 mΩ	50 Hz to 60Hz	3.7 mΩ
880.1 mΩ	50 Hz to 60Hz	7.1 mΩ
1.696 Ω	50 Hz to 60Hz	0.005 Ω
4.573 Ω	50 Hz to 60Hz	0.010 Ω

Schedule



Certificate No. : LA-2018-0707-C

Issue No. : 7

Date : 27 February 2026

Page : 13 of 24

MEASURED QUANTITIES/ INSTRUMENTS CALIBRATED/ RANGE OF MEASUREMENT	METHOD	CALIBRATION AND MEASUREMENT CAPABILITY (CMC *)
continuous Range 0.1 Ω to 0.199 Ω 0.2 Ω to 0.499 Ω 0.5 Ω to 1.999 Ω 2 Ω to 4.99 Ω 5 Ω to 10 Ω 10 Ω to 100 Ω 0.101 kΩ to 1 kΩ 1.01 kΩ to 10 kΩ 10.1 kΩ to 100 kΩ 0.101 MΩ to 1 MΩ 1.01 MΩ to 10 MΩ 10 MΩ to 19.999 MΩ 20 MΩ to 199.99 MΩ 200 MΩ to 999.9 MΩ 1 GΩ to 9.999 GΩ 10 GΩ to 19.999 GΩ 20 GΩ to 99.99 GΩ 100 GΩ to 999.9 GΩ 1 TΩ to 10 TΩ	SHE-WI-E001 Rev 05 SHE-WI-E005 Rev 02	1.2% + 0.042 Ω 0.87% + 0.012 Ω 0.46% + 0.012 Ω 0.38% + 0.02 Ω 0.24% + 0.1 Ω 0.012% + 0.06 Ω 0.012% + 0.0001 kΩ 0.012% + 0.001 kΩ 0.012% + 0.01 kΩ 0.012% + 0.0001 MΩ 0.012% + 0.001 MΩ 0.59% + 0.001 MΩ 0.59% + 0.01 MΩ 0.75% + 0.1 MΩ 1.3% + 0.035 GΩ 3.5% + 0.21 GΩ 3.5% + 1.0 GΩ 3.5% + 10 GΩ 4.9% + 0.14 TΩ
9 Capacitance Measuring Instruments 1 nF 10 nF 20 nF 50 nF 100 nF 1 uF 10 uF	SHE-WI-E001 Rev 05 1 kHz 1 kHz 1 kHz 1 kHz 1 kHz 1 kHz 1 kHz	0.0035 nF 0.031 nF 0.074 nF 0.16 nF 0.30 nF 0.0047 uF 0.070 uF
10 Inductance Measuring Instruments 100 μH to 1000 μH 1 mH to 10 mH 10 mH to 100 mH 100 mH to 1000 mH 1 H to 10 H	SHE-WI-E001 Rev 05 1 kHz 1 kHz 1 kHz 1 kHz 1 kHz	1.2% 1.2% 1.2% 1.2% 1.2%
11 DC Power Measuring Instruments 0.04 W to 20 W 20 W to 200 W	SHE-WI-E001 Rev 05	0.28 % 0.13 %

Schedule



Certificate No. : LA-2018-0707-C

Issue No. : 7

Date : 27 February 2026

Page : 14 of 24

MEASURED QUANTITIES/ INSTRUMENTS CALIBRATED/ RANGE OF MEASUREMENT	METHOD	CALIBRATION AND MEASUREMENT CAPABILITY (CMC *)
200 W to 2000 W 2000 W to 30000 W DC Power Measuring Instruments (clamp type) 30 kW to 1500 kW		0.04 % 0.063 % 0.40%
12 AC Power Measuring Instruments		
Single phase	SHE-WI-E001 Rev 05 50Hz to 400Hz	0.49 % 0.30 % 0.21 % 0.17 %
0.04 W to 20 W 20 W to 200 W 200 W to 2000 W 2000 W to 30000 W AC Power Measuring Instruments (clamp type) 30 kW to 1500 kW	50Hz to 60Hz	0.33 %
Phase Angle Measuring Instruments	SHE-WI-E001 Rev 05 50Hz to 60Hz	0.3 °
13 DC Voltage Sourcing Instruments		
0 mV to 100 mV 0.1 V to 1 V 1 V to 10 V 10 V to 100 V 100 V to 1000 V DC High Voltage Sourcing Instruments 0 V to 5000 V 5 kV to 10 kV 10 kV to 40 kV	SHE-WI-E002 Rev 03 SHE-WI-E003 Rev 02	0.0044% + 0.0041 mV 0.0029% + 0.000013 V 0.0028% + 0.00009 V 0.0044% + 0.0013 V 0.0048% + 0.014 V 0.35% + 7 V 0.35% + 0.1 kV 0.58% + 0.1 kV
14 AC Voltage Sourcing Instruments		
10 mV to 100 mV 10 mV to 100 mV 0.1 V to 1 V	SHE-WI-E002 Rev 03 3 Hz to 5 Hz 5 Hz to 10 Hz 10 Hz to 20 kHz 20 kHz to 50 kHz 50 kHz to 100 kHz 100 kHz to 300 kHz 3 Hz to 5 Hz	1.2% + 0.050 mV 0.41% + 0.058 mV 0.073% + 0.046 mV 0.14% + 0.058 mV 0.70% + 0.092 mV 4.6% + 0.58 mV 1.2% + 0.00037 V

Schedule



Certificate No. : LA-2018-0707-C

Issue No. : 7

Date : 27 February 2026

Page : 15 of 24

MEASURED QUANTITIES/ INSTRUMENTS CALIBRATED/ RANGE OF MEASUREMENT	METHOD	CALIBRATION AND MEASUREMENT CAPABILITY (CMC *)
0.1 V to 1 V	5 Hz to 10 Hz	0.41% + 0.00035 V
0.1 V to 1 V	10 Hz to 20 kHz	0.069% + 0.00035 V
0.1 V to 1 V	20 kHz to 50 kHz	0.14% + 0.00058 V
0.1 V to 1 V	50 kHz to 100 kHz	0.69% + 0.00092 V
0.1 V to 1 V	100 kHz to 300 kHz	4.6% + 0.0058 V
1 V to 10 V	3 Hz to 5 Hz	1.2% + 0.0035 V
1 V to 10 V	5 Hz to 10 Hz	0.41% + 0.0035 V
1 V to 10 V	10 Hz to 20 kHz	0.07% + 0.0035 V
1 V to 10 V	20 kHz to 50 kHz	0.14% + 0.0058 V
1 V to 10 V	50 kHz to 100 kHz	0.69% + 0.0092 V
10 V to 100 V	10 Hz to 20 kHz	0.07% + 0.035 V
10 V to 100 V	20 kHz to 40 kHz	0.14% + 0.058 V
100 V to 1000 V	46 Hz to 10 kHz	0.072% + 0.26 V
AC High Voltage Sourcing Instruments		
	SHE-WI-E003 Rev 02	
5 V to 5000 V	20 Hz to 100 Hz	0.35% + 17 V
5 kV to 7 kV	50 Hz or 60 Hz	0.58% + 0.022 kV
7 kV to 25 kV	50 Hz or 60 Hz	0.58% + 0.2 kV
15 DC Current Sourcing Instruments	SHE-WI-E002 Rev 03	
0 µA to 100 µA		0.059% + 0.035 µA
0.1 mA to 1 mA		0.058% + 0.000080 mA
1 mA to 5 mA		0.058% + 0.0012 mA
5 mA to 10 mA		0.058% + 0.0023 mA
10 mA to 20 mA		0.058% + 0.0012 mA
20 mA to 100 mA		0.058% + 0.0058 mA
100 mA to 400 mA		0.059% + 0.023 mA
0.4 A to 1 A		0.059% + 0.00024 A
1 A to 3 A		0.12% + 0.00069 A
3 A to 10 A		0.18% + 0.00093 A
10 A to 20 A		0.35% + 0.02 A
20 A to 30 A		0.35% + 0.02 A
30A to 400A	SHE-WI-E007 Rev 00	0.051% + 0.2 A
400A to 1500A		0.051% + 1 A

Schedule



Certificate No. : LA-2018-0707-C

Issue No. : 7

Date : 27 February 2026

Page : 16 of 24

MEASURED QUANTITIES/ INSTRUMENTS CALIBRATED/ RANGE OF MEASUREMENT	METHOD	CALIBRATION AND MEASUREMENT CAPABILITY (CMC *)
<p>16 AC Current Sourcing Instruments</p> <p>10 μA to 500 μA 0.5 mA to 10 mA 10 mA to 100 mA 100mA to 400mA 100 mA to 1 A 1 A to 3 A 3 A to 10 A 10 A to 20 A 20 A to 30 A 30A to 400A 400A to 1000A 1000A to 1400A</p>	<p>SHE-WI-E002, Rev 03</p> <p>10 Hz to 1 kHz 10 Hz to 5 kHz 10 Hz to 5 kHz 10 Hz to 1 kHz 10 Hz to 5 kHz 10 Hz to 5 kHz 10 Hz to 5 kHz 50 Hz to 60 Hz 50 Hz to 60 Hz SHE-WI-E007 Rev 00 50Hz</p>	<p>0.69%+0.74μA 0.17% + 0.0069 mA 0.12% + 0.058 mA 0.12% + 0.46 mA 0.13% + 0.00046 A 0.18% + 0.0021 A 0.18% + 0.0069 A 0.35% + 0.02 A 0.35% + 0.02 A 2.0% 2.4% 2.2%</p>
<p>17 Resistance Sourcing Instruments</p> <p>0 Ω to 10 Ω 10 Ω to 100 Ω 0.1 kΩ to 1 kΩ 1 kΩ to 10 kΩ 10 kΩ to 100 kΩ 0.1 MΩ to 1 MΩ 1 MΩ to 10 MΩ 10 MΩ to 100 MΩ 0.1 GΩ to 1 GΩ</p>	<p>SHE-WI-E002 Rev 03</p>	<p>0.012% + 0.0035 Ω 0.012% + 0.0046 Ω 0.012% + 0.000012 kΩ 0.012% + 0.00012 kΩ 0.012% + 0.0012 MΩ 0.012% + 0.000012 MΩ 0.046% + 0.00074 MΩ 0.92% + 0.012 MΩ 2.3% + 0.011 GΩ</p>
<p>18 Frequency Sourcing Instruments</p> <p>3 Hz to 5 Hz 5 Hz to 10 Hz 10 Hz to 40 Hz 40 Hz to 1000 Hz 1 kHz to 100 kHz 100 kHz to 300 kHz 0.3 MHz to 1 MHz</p>	<p>SHE-WI-E002 Rev 03</p>	<p>0.12% + 0.000007 Hz 0.058% + 0.00003 Hz 0.035% + 0.00041 Hz 0.012% + 0.001 Hz 0.012% + 0.001 kHz 0.012% + 0.001 kHz 0.012% + 0.001 MHz</p>

Schedule



Certificate No. : LA-2018-0707-C

Issue No. : 7

Date : 27 February 2026

Page : 17 of 24

MEASURED QUANTITIES/ INSTRUMENTS CALIBRATED/ RANGE OF MEASUREMENT	METHOD	CALIBRATION AND MEASUREMENT CAPABILITY (CMC *)
19 Capacitance Sourcing Instruments 1 nF to 10 nF 10 nF to 100 nF 0.1 μ F to 1 μ F 1 μ F to 10 μ F 10 μ F to 100 μ F 0.1 mF to 1 mF 1 mF to 10 mF 10 mF to 100 mF	SHE-WI-E002 Rev 03	1.7% + 0.06 nF 1.2% + 0.6 nF 1.2% + 0.006 μ F 1.2% + 0.06 μ F 1.2% + 0.6 μ F 1.2% + 0.009 mF 1.2% + 0.069 mF 4.7% + 0.24 mF
20 DC Power Sourcing Instruments 3 W to 330 W 330 W to 3300 W 3300 W to 33000 W	SHE-WI-E002 Rev 03	0.36% 0.36 % 0.52 %
21 AC Power Sourcing Instruments 3 W to 330 W 330 W to 3300 W 3300 W to 33000 W	SHE-WI-E002 Rev 03 40 Hz to 65 Hz 40 Hz to 65 Hz 40 Hz to 65 Hz	0.48 % 0.48 % 0.67 %
22 Phase Angle Sourcing Instruments 0 ° to 359.9 °	SHE-WI-E002 Rev 03 at 50 Hz	0.3 °
23 Time Interval Measuring Instruments (Lab & Site) 1 s to 60 s 60 s to 900 s 900 s to 1800 s 1800 s to 36000 s	SHE-WI-E004 Rev 02	0.01 s 0.02 s 0.03 s 0.60 s

Schedule



Certificate No. : LA-2018-0707-C

Issue No. : 7

Date : 27 February 2026

Page : 18 of 24

MEASURED QUANTITIES/ INSTRUMENTS CALIBRATED/ RANGE OF MEASUREMENT	METHOD	CALIBRATION AND MEASUREMENT CAPABILITY (CMC *)
<p>24 Oscilloscope</p> <p>Amplitude</p> <p>12 mV to 120 mV 120 mV to 1200 mV 1.2 V to 12 V 12 V to 120 V 120 V to 300 V</p> <p>Time Base (Discrete values in sequence of 1, 2, 5)</p> <p>2 ns to 20 ns 20 ns to 200 ns 0.2 µs to 2 µs 2 µs to 200 µs 0.2 ms to 2 ms 2 ms to 200 ms 0.2 s to 2 s</p> <p>Levelled Sweep 600 mVpk-pk (600MHz Bandwidth) (50kHz Reference)</p>	<p>SHE-WI-E006 Rev 03</p>	<p>0.012% + 0.025 mV 0.012% + 0.07 mV 0.013% + 0.005 V 0.012% + 0.01 V 0.012% + 0.01 V</p> <p>5.8ppm + 0.001 ns 5.8ppm + 0.01 ns 5.8ppm + 0.001 µs 5.8ppm + 0.01 µs 5.8ppm + 0.001 ms 6.1ppm + 0.01 ms 5.9ppm + 0.001 s</p> <p>3.8 %</p>
<p>D Dimensional</p> <p>1 Plain (parallel) pin gauges, cylindrical setting standards, Rollers/ Thread wire/Ball Gauges 0 - 50 mm</p>	<p>In-House procedure SHE-WI-D010</p>	<p>0.8 µm</p>
<p>2 Plain (parallel) plug gauges Up to 50mm >50 mm - 100 mm >100 mm - 200 mm</p>	<p>In-House procedure SHE-WI-D011</p>	<p>0.8 µm 0.8 µm 0.8 µm</p>
<p>3 Plain (parallel) ring gauges 0.75mm – 50 mm >50 mm – 100 mm >100 mm – 300 mm</p>	<p>In-House procedure SHE-WI-D012</p>	<p>0.8 µm 1.6 µm 2.0 µm</p>

Schedule



Certificate No. : LA-2018-0707-C

Issue No. : 7

Date : 27 February 2026

Page : 19 of 24

MEASURED QUANTITIES/ INSTRUMENTS CALIBRATED/ RANGE OF MEASUREMENT	METHOD	CALIBRATION AND MEASUREMENT CAPABILITY (CMC *)
4 Digimatic Indicator / Linear Gauge 0-100 mm (Lab & Onsite) (Res.0.01mm) (Res. 0.001 mm)	In-House procedure SHE-WI-D014	11 µm 2 µm
5 External Micrometers upto 50mm Resolution – 0.0001mm Up to 1500 mm / 60” Resolution – 0.001 / 0.01 mm Micrometer unit c/w Interchangeable anvils Setting Rods (upto 1500mm)	In-House procedure SHE-WI-D017	0.2 µm 1 µm 3 µm 2 µm
6 Internal Micrometer (Stick Micrometer) Up to 500 mm Micrometer Unit Micrometer Unit c/w Extension Rods	In-House procedure SHE-WI-D026	2 µm 3 µm
7 Depth Micrometers Up to 300 mm Micrometer Unit Micrometer c/w Extension Rods	In-House procedure SHE-WI-D013	2 µm 3 µm
8 Micrometer Heads Up to 50 mm	In-House procedure SHE-WI-D016	2.0 µm
9 Slide Calipers Up to 1500 mm Resolution / Scale Interval 0.01 mm (Digimatic) 0.02 mm (dial) 0.02 mm (vernier) 0.05 mm	In-House procedure SHE-WI-D019	10 µm 10 µm 20 µm 50 µm

Schedule



Certificate No. : LA-2018-0707-C

Issue No. : 7

Date : 27 February 2026

Page : 20 of 24

MEASURED QUANTITIES/ INSTRUMENTS CALIBRATED/ RANGE OF MEASUREMENT	METHOD	CALIBRATION AND MEASUREMENT CAPABILITY (CMC *)	
10 Height Gauges / Linear Height Gauge (Lab & Site) 0 to 600 mm Resolution / Scale Interval 0.001 mm 600 to 1000 mm 0.001 mm 0 to 1000 mm 0.01 mm	In-House procedure SHE-WI-D009	LAB 2 µm 5 µm 10 µm	SITE 2 µm 5 µm 10 µm
11 Depth Gauges Up to 600 mm Resolution / Scale Interval 0.01 mm (Digimatic Type) 0.02 mm (Dial/Vernier type) Flatness & Parallelism	In-House procedure SHE-WI-D006	10 µm 10 µm 0.01 µm	
12 Dial Gauges Resolution / Scale Interval 0.001 mm 0.01 mm	In-House procedure SHE-WI-D004	1.0 µm 1.0 µm	
13 Dial Test Indicators Resolution/ Scale Interval 0.001 mm 0.002 mm 0.01 mm	In-House procedure SHE-WI-D002	0.2 µm 0.5 µm 2 µm	
14 Micro-indicators Resolution / Scale Interval 0.0005/0.001 mm 0.005/0.010 mm	In-House procedure SHE-WI-D015	0.5 µm 1.0 µm	
15 Electrical Comparators Resolution / Scale Interval 0.0001 mm 0.001 mm 0.010 mm	In-House procedure SHE-WI-D022	0.2 µm 0.2 µm 1.2 µm	

Schedule



Certificate No. : LA-2018-0707-C

Issue No. : 7

Date : 27 February 2026

Page : 21 of 24

MEASURED QUANTITIES/ INSTRUMENTS CALIBRATED/ RANGE OF MEASUREMENT	METHOD	CALIBRATION AND MEASUREMENT CAPABILITY (CMC *)
16 Profile Projectors (Lab & On-site) Up to 300 mm / 12 inches-Measurement Squareness Angle	In-House procedure SHE-WI-D029	3 µm 2 µm 5 mins
17 Jigs & Fixture/First Article Size up to 300 mm / 12 inches (Geometrical Measurements) Angularity	In-House procedure SHE-WI-D027	4 µm 6 mins
18 Thread Plug Gauge Pitch Dia. & Maj Dia. Pitch Angle	In-House procedure SHE-WI-D005	2 µm 6 µm 6 mins
19 Thread Ring Gauge Pitch & Minor Dia. Pitch Minor Dia.	In-House Procedure SHE-WI-D031	3.0µm 2.0µm
20 Bore Gauge - Indicator - Gauge	In-House Procedure SHE-WI-D008	1.0µm 2.0µm
21 Universal Length Measuring Machine Measurement Flatness	In-House Procedure SHE-WI-D028	0.5µm 0.5µm
22 Dial Gauge Calibrator Upto 50mm (0.001mm) Accuracy Flatness	In-House Procedure SHE-WI-D001	1.0µm 0.3µm
23 Engineer's Parallel Range: 300mm / 12 inch	In-House Procedure SHE-WI-D023	3.0µm
24 Depth Gauge Accuracy Flatness	In-House Procedure SHE-WI-D033	4.0µm 2.0µm

Schedule



Certificate No. : LA-2018-0707-C

Issue No. : 7

Date : 27 February 2026

Page : 22 of 24

MEASURED QUANTITIES/ INSTRUMENTS CALIBRATED/ RANGE OF MEASUREMENT	METHOD	CALIBRATION AND MEASUREMENT CAPABILITY (CMC *)
25 Dial / Digimatic Thickness Accuracy Flatness	In-House Procedure SHE-WI-D003	1.0µm 0.3µm
26 Surface Plates (Lab / Onsite) Flatness Up to 1000 mm 1000 to 1500mm 1500 to 2000mm Variation	In-House procedure SHE-WI-D020	2.0 µm 3.0 µm 4.0 µm 1.0 µm
27 Feeler Gauge/ SHIM Foil (Thickness) Up to 5 mm	SHE-WI-D007	4.0 µm 3.0 µm
28 Taper Thread Plug Gauges Up to 3 inch	In-House Procedure SHE-WI-D047	0.0002 inch
29 Taper Thread Ring Gauges Up to 3 inch	In-House Procedure SHE-WI-D048	0.0002 inch
30 Holtest 6-50 mm 50-100 mm 100-150 mm 150-300 mm	In-House Procedure SHE-WI-D024	2.0 µm 2.0 µm 3.0 µm 6.0 µm
31 Coating Thickness Gauge 47-1000 µm	In-House Procedure SHE-WI-D040	0.9 µm
32 Caliper Gauge Up to 150 mm	In-House Procedure SHE-WI-D035	10 µm
33 Roughness Tester / Specimen Up to 80µm Tester Specimen	In-House Procedure SHE-WI-D041	0.10 µm 0.10 µm

Schedule



Certificate No. : LA-2018-0707-C

Issue No. : 7

Date : 27 February 2026

Page : 23 of 24

MEASURED QUANTITIES/ INSTRUMENTS CALIBRATED/ RANGE OF MEASUREMENT	METHOD	CALIBRATION AND MEASUREMENT CAPABILITY (CMC *)
34 Ultrasonic Thickness Gauge Up to 150 mm 0.01 mm 0.1 mm	In-House Procedure SHE-WI-D043	0.02 mm 0.1 mm
35 V-Anvil Micrometer Up to 25 mm	In-House Procedure SHE-WI-D045	2.0 µm
36 Displacement Transducer (Lab & Site) Range : 0-1000 mm	In-House Procedure SHE-WI-D046	0.01 mm
37 Bevel Protractor Angularity Straightness Parallelism	SHE-WI-D032	5 min 2 µm 2 µm
38 Glass Scale (Stage Micrometer Scale, Microscope Glass Scale, Lupe and other Related scale) Range : Upto 300mm	SHE-WI-D039	6 µm
39 Measuring Scope Up to 300 mm / 12 inches-Measurement	SHE-WI-D029	3 µm

Schedule



Certificate No. : LA-2018-0707-C

Issue No. : 7

Date : 27 February 2026

Page : 24 of 24

Approved Signatories

Mr. Pavani Neela Lohit	- for all items in categories A , B , C & D
Mr. Malkit Singh	- for all items in categories A & D
Ms. Kavitha CV	- for items D4, D5, D6, D9 - D11, D30, D31, D34, D36 in categories D
Ms. Pavithra Vijayaraj	- for all items in categories C1-C23 except C15 and C22
Mr. Yeo Jie Sheng, Jason	- for items in categories B1 to B4, B7, and B10 to B21
Mr. Haikel Zuhairy Bin Ridhuan	- for all items in categories D1-D20
Ms. Selvaraj Jayaselvi	- for all items in categories B1 – B4
Ms. Manimegalai Shanmugam	- for all items in categories B1 – B4

Note:

This laboratory is accredited in accordance with the recognized International Standard ISO/IEC 17025. A laboratory's fulfilment of the requirements of ISO/IEC 17025 means the laboratory meets both the technical competence requirements and management system requirements that are necessary for it to consistently deliver technically valid calibrations. The management system requirements in ISO/IEC 17025 are written in language relevant to laboratory operations and operate generally in accordance with the principles of ISO 9001.