

As an accredited laboratory, this laboratory is entitled to use the following accreditation symbol.



Valid from 17 May 2024
to 16 May 2028
Issued on 17 January 2025



ISO/ IEC 17025
CL 012 - 01

Schedule of Accreditation

Accreditation Scheme for Calibration Laboratories
Sri Lanka Accreditation Board for Conformity Assessment

Accreditation Number: CL 012 – 01

WAGA Calibration Services (Pvt) Ltd
173, High Level Road, Maharagama

Scope of Accreditation: Performing Calibrations on Mechanical (Volume, Pressure and Force), Dimension, Electrical, Time and frequency calibrations & Measurement Verification

The laboratory is accredited for the following tests appears from page 02

SI No	Type of instrument	Calibration performed	Calibration methods / Measurement procedure	Range of calibration	Calibration Measurement Capability	Location
1. Pressure						
1.1	Pneumatic Pressure Gauges	Measurement of differential pressure gauge	WAGA/CM/011	-1 mbar to 1 mbar	0.09 mbar	In-house/ Site
		Measurement of static gauge pressure		-75 mbar to 75 mbar	0.44 mbar	
	0 bar to 40 bar			0.017 bar		
	> 40 bar to 100 bar			0.55 bar		
	Hydraulic Pressure Gauges	Measurement of static gauge pressure		0 bar to 700 bar	0.74 bar	
> 700 bar to 1000 bar			1.4 bar			
1.2	Pressure Transmitter/ Transducer	Measurement of differential pressure	WAGA/CM/021	-75 mbar to 75 mbar	0.23 mbar	In-house
		Measurement of pneumatic pressure		0 bar to 40 bar	0.034 bar	
				> 40 bar to 100 bar	0.55 bar	
		Measurement of hydraulic pressure		>100 bar to 700 bar	0.74 bar	
				>700 bar to 1000 bar	1.6 bar	

SI No	Type of instrument	Calibration performed	Calibration methods / Measurement procedure	Range of calibration	Calibration Measurement Capability	Location
2. Dimension						
2.1	Dial gauge	Linear measurement by direct comparison	WAGA/CM/035	0 mm to 25 mm >25 mm to 50 mm	1.8 μm 12 μm	In house
2.2	Steel Ruler	Linear measurement by direct comparison	WAGA/CM/014	0 to 1000 mm	0.58 mm	In house
2.3	Vernier Caliper	Linear measurement by direct comparison	WAGA/CM/036	0.5 mm to 300 mm >300 mm to 600 mm >600 mm to 1000 mm (External calibration)	0.012 mm 0.013 mm 0.017 mm	In house
				0.5 mm to 200 mm (Depth calibration)	0.010 μm	
2.4	External Micrometer	Linear measurement by direct comparison	WAGA/CM/013	0.5 mm to 25 mm >25 mm to 100 mm >100 mm to 500 mm	1.2 μm 1.8 μm 6.7 μm	In house
2.5	Height Gauge	Linear measurement by direct comparison	WAGA/CM/037	0.5 mm to 500 mm	0.011 mm	In house
2.6	Feeler Gauge	Linear measurement by direct comparison	WAGA/CM/043	0.05 mm to 1 mm	3.3 μm	In house
2.7	Test sieve	Linear measurement by direct comparison	WAGA/CM/048	20 μm to 100 mm	7.0 μm	In house
2.8	Anemometer	Linear measurement by direct comparison	WAGA/CM/046	2 ms^{-1} to 20 ms^{-1}	1.1 ms^{-1}	In house
2.9	Shrinkage Ruler	Linear measurement by direct comparison	WAGA/CM/054	1 mm to 600 mm 0.1 inch to 18 inch	0.043 mm 0.063 inch	In house
				10 mm to 600 mm 0.1 inch to 18 inch	1.2 mm 0.063 inch	Site
3. Force						
3.1	Uniaxial force testing machine	Measurement of static force in tension mode	WAGA/CM/012	>0.01 kN to 0.1 kN	U(%) = a. X ² + b. X + c a = 1.402 $\times 10^{-1}$ b = -3.088 $\times 10^{-2}$ c = 8.116 $\times 10^{-3}$ X in kN unit	In-house
				>0.1 kN to 5 kN	U(%) = a. X ² + b. X + c a=2.930 $\times 10^{-5}$ b=-9.541 $\times 10^{-4}$ c= 1.165 $\times 10^{-2}$ X in kN unit	In-house
				>5 kN to 10 kN	U(%) = a. X ² + b. X + c a = 2.727 $\times 10^{-5}$ b = -5.576 $\times 10^{-4}$ c = 1.223 $\times 10^{-2}$ X in kN unit	In-house
				>10 kN to 100 kN Class 0.5,1,2, &3 machines	U(%) = a. X ² + b. X + c a = 3.598 $\times 10^{-6}$ b = -5.316 $\times 10^{-4}$ c = 5.158 $\times 10^{-2}$ X in kN unit	In-house

SI No	Type of instrument	Calibration performed	Calibration methods / Measurement procedure	Range of calibration	Calibration Measurement Capability	Location
3.1	Uniaxial force testing machine	Measurement of static force in compression modes	WAGA/CM/012	0.01 kN to 0.1 kN	$U(\%) = a \cdot X^2 + b \cdot X + c$ $a = 7.955 \times 10^{-2}$ $b = -2.305 \times 10^{-2}$ $c = 7.922 \times 10^{-3}$ X in kN unit	In-house
				0.1 kN to 5 kN	$U(\%) = a \cdot X^2 + b \cdot X + c$ $a = 1.735 \times 10^{-4}$ $b = -2.805 \times 10^{-3}$ $c = 1.669 \times 10^{-2}$ X in kN unit	
				>5 kN to 10 kN	$U(\%) = a \cdot X^2 + b \cdot X + c$ $a = 9.091 \times 10^{-6}$ $b = -2.2 \times 10^{-4}$ $c = 8.12 \times 10^{-3}$ X in kN unit	
				>30 kN to 300 kN	$U(\%) = a \cdot X^2 + b \cdot X + c$ $a = -1.347 \times 10^{-8}$ $b = 9.838 \times 10^{-6}$ $c = 7.733 \times 10^{-3}$ X in kN unit	
				>300 kN to 2000 kN	$U(\%) = a \cdot X^2 + b \cdot X + c$ $a = 1.042 \times 10^{-9}$ $b = -5.058 \times 10^{-6}$ $c = 1.379 \times 10^{-2}$ X in kN unit	
3.2	Torque Measuring Devices	Torque measurement by direct comparison	WAGA/CM/040	5 Nm to 50 Nm	0.44 Nm	In-house
				>50 Nm to 220 Nm	1.5 Nm	
				>220 Nm to 2200 Nm	11 Nm	
3.3	Force - proving instrument Load cell Proving rings/CBR machine	Measurement of static force in Tension Mode	WAGA/CM/188 WAGA/CM/316	0.01 kN to 0.10 kN	$U(\%) = a \cdot X^2 + b \cdot X + c$ $a = 5.606 \times 10^{-1}$ $b = -1.314 \times 10^{-1}$ $c = 1.773 \times 10^{-2}$ X in kN unit	In-house
				0.5 kN to 5 kN	$U(\%) = a \cdot X^2 + b \cdot X + c$ $a = 3.000 \times 10^{-4}$ $b = -3.234 \times 10^{-3}$ $c = 1.294 \times 10^{-2}$ X in kN unit	
				>5 kN to 10 kN	$U(\%) = a \cdot X^2 + b \cdot X + c$ $a = 4.583 \times 10^{-5}$ $b = -9.102 \times 10^{-4}$ $c = 7.582 \times 10^{-3}$ X in kN unit	

SI No	Type of instrument	Calibration performed	Calibration methods / Measurement procedure	Range of calibration	Calibration Measurement Capability	Location
3.3	Force - proving instrument Load cell Proving rings/CBR machine	Measurement of static force in compression mode	WAGA/CM/188 WAGA/CM/316	0.01 kN to 0.10 kN	$U(\%) = a \cdot X^2 + b \cdot X + c$ $a = 2.765 \times 10^0$ $b = -5.569 \times 10^{-1}$ $c = 4.968 \times 10^{-2}$ X in kN unit	In house
				0.5 kN to 5 kN	$U(\%) = a \cdot X^2 + b \cdot X + c$ $a = -6.061 \times 10^{-5}$ $b = -8.727 \times 10^{-4}$ $c = 1.223 \times 10^{-2}$ X in kN unit	
				>5 kN to 10 kN	$U(\%) = a \cdot X^2 + b \cdot X + c$ $a = -6.818 \times 10^{-6}$ $b = -2.838 \times 10^{-4}$ $c = 7.003 \times 10^{-3}$ X in kN unit	
3.4	Proving rings/CBR machine	Measurement of static force in Tension mode (Class 0.5,1,2 &3 machines)	WAGA/CM/316	20 kN to 60 kN	0.6 to 2.0 %	In house/Site
				20 kN to 60 kN	0.3 to 0.5 %	In house/Site

4. Electrical

4.1	Analog and Digital Electrical Measuring Equipment/ Indicator	DC Voltage	WAGA/ CM/030	0 mV to 20 mV	0.0022 mV	In- house
				>20 mV to 200 mV	0.023 mV	
		>0.2 V to 2 V		0.091 mV	Site	
		>2 V to 20 V		0.85 mV		
		>20 V to 200 V		0.013 V	In- house	
		>200 V to 1000 V		0.031 V		
AC Voltage (rms)	1 mV to 20 mV (50 Hz to 100kHz)	0.025 mV	In- house			
	>20 mV to 200 mV (50 Hz to 100 kHz)	0.045 mV				
DC Current	>0.2 V to 2 V (50 Hz to 100 kHz)	0.36 mV	In- house			
	>2 V to 20 V (50 Hz to 100 kHz)	2.2 mV				
	>20 V to 200 V (50 Hz to 1 kHz)	0.034 V				
	>200 V to 1000 V (50 Hz to 1 kHz)	0.29 V				
AC Current (rms)	0 μA to 200 μA	0.0073 μA	In- house			
	>200 μA to 2 mA	0.16 μA				
	>2 mA to 20 mA	1.6 μA				
	>20 mA to 200 mA	0.026 mA				
	>200 mA to 2 A	0.17 mA				
AC Current (rms)	>2 A to 20 A	2.8 mA	In- house			
	0 mA to 22 mA	0.02 mA				
	10 μA to 200 μA (50 Hz to 1 kHz)	0.21 μA				
	>200 μA to 2 mA (50 Hz to 1 kHz)	0.54 μA				
	>2 mA to 20 mA (50 Hz to 1 kHz)	11 μA				
>20 mA to 200 mA (50 Hz to 1 kHz)	55 μA	In- house				
>200 mA to 2 A (50 Hz to 500 Hz)	0.57 mA					
>2 A to 20 A (50 Hz to 500 Hz)	8.5 mA					

SI No	Type of Instrument / Gauge	Calibration performed/ Measured Quantity	Calibration method s / Measurement procedure	Range of calibration	Calibration Measurement Capability	Location (Site/ In house)
4.1	Analog and Digital Electrical Measuring Equipment/Indicator	Digital Frequency	WAGA/CM/030	1 Hz to 100 Hz	0.19 Hz	In-house
				>100 Hz to 100 kHz	0.019 kHz	
		>100 kHz to 100 MHz		0.44 kHz		
		100 Hz to 50 kHz		4.4 Hz	Site	
		Inductance		1 mH (@ 1 kHz)	0.0025 mH	In-house
				2 mH (@ 1 kHz)	0.0040 mH	
				5 mH (@ 1 kHz)	0.0060 mH	
10 mH (@ 1 kHz)	0.021 mH					
20 mH (@ 1 kHz)	0.033 mH					
50 mH (@ 1 kHz)	0.055 mH					
100 mH (@ 1 kHz)	0.20 mH					
200 mH (@ 1 kHz)	0.31 mH					
500 mH (@ 1 kHz)	0.61 mH					
1 H (@ 1 kHz)	0.0023 H					
10 H (@ 1 kHz)	0.013 H					
Resistance	1 Ω to 20 Ω	0.019 Ω	In-house			
	>20 Ω to 1 k Ω	0.030 Ω				
>1 k Ω to 1 M Ω	0.025 Ω	Site				
>1 M Ω to 120 M Ω	0.024 Ω					
1 G Ω (Decade Resistance)	0.0022 G Ω					
Capacitance	1 Ω to 400 Ω	0.23 Ω	Site			
	>400 Ω to 4000 Ω	1.9 Ω				
Power Factor	1 nF	0.0020 nF	In-house			
	10 nF	0.023 nF				
	20 nF	0.027 nF				
	50 nF	0.094 nF				
	100 nF	0.19 nF				
	200 nF	0.22 nF				
	500 nF	0.43 nF				
	1 μ F	0.0022 μ F				
	10 μ F	0.023 μ F				
	20 μ F	0.050 μ F				
50 μ F	0.070 μ F					
100 μ F	0.23 μ F					
-1 to 1 (Lagging & Leading)	0.0024	In-house				
4.2	Analog and Digital Electrical Equipment with sources	DC Voltage	WAGA/CM/030	0 mV to 1 V	0.0036 mV	In-house / Site
		>1 V to 10 V		0.34 mV		
		>10 V to 100 V		2.6 mV		
>100 V to 1000 V	26 mV					
AC Voltage (rms)	10 mV to 100 mV (50 Hz to 1 kHz)	0.017 mV	In-house / Site			
	>100 mV to 1 V (50 Hz to 1 kHz)	0.15 mV				
	>1 V to 10 V (50 Hz to 1 kHz)	1.4 mV				
	>10 V to 100 V (50 Hz to 1 kHz)	0.015 V				
	>100 V to 750 V (50 Hz to 1 kHz)	0.15 V				
DC Current	> 0 mA to 100 mA	0.013 mA	In-house / Site			
	> 100 mA to 1 A	0.17 mA				
	> 1 A to 3 A	2.9 mA				
	> 3 A to 9 A	0.2 A				

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4.2	Analog and Digital Electrical Equipment with sources	AC Current (rms)	WAGA/CM/030	0.1 A to 1 A (50 Hz to 500 Hz) >1 A to 3 A (50 Hz to 500 Hz) >3 A to 9 A (50 Hz to 500 Hz)	0.82 mA 5.4 mA 0.2 A	In-house / Site
		Digital Frequency		3 Hz to 1 kHz >1 kHz to 100 kHz >100 kHz to 300kHz	0.003 Hz 0.018 kHz 0.026 kHz	In-house / Site
		Resistance		0 Ω to 0.1 kΩ >0.1 kΩ to 1 kΩ >1 kΩ to 10 kΩ >10 kΩ to 0.1 MΩ >0.1 MΩ to 1 MΩ >1 MΩ to 10 MΩ >10 MΩ to 100 MΩ	7.3 Ω 0.072 kΩ 0.49 kΩ 6.0 kΩ 0.062 MΩ 2.0 kΩ 0.075 MΩ	In-house / Site
		Inductance		100 μH to 1 mH >1 mH to 10 mH >10 mH to 500 mH >500 mH to 1 H	3.5 mH 0.026 mH 3.4 mH 0.0024 H	In-house / Site
		Capacitance		10 pF to 100 pF >100 pF to 100 nF >100 nF to 1 μF >1 μF to 50 μF >50 μF to 1 mF	0.22 pF 0.25 nF 3.5 nF 0.084 μF 0.0066 mF	In-house / Site
4.3	Clamp Meters	DC Current	WAGA/CM/027	1 A to 2 A >2 A to 20 A >20 A to 100 A >100 A to 1000 A	0.022 A 0.12 A 0.72 A 6.1 A	In-house
		AC Current		1 A to 2 A >2 A to 20 A >20 A to 100 A >100 A to 1000 A	0.022 A 0.12 A 0.62 A 6.3 A	In-house
		AC Voltage		1 mV to 20 mV (50 Hz to 20 kHz) >20 mV to 200 mV (50 Hz to 20 kHz) >0.2 V to 2 V (50 Hz to 20 kHz) >2 V to 20 V (50 Hz to 20 kHz) >20 V to 200 V (50 Hz to 1 kHz) >200 V to 1000 V (50 Hz to 20 kHz)	0.025 mV 0.045 mV 0.36 mV 2.2 mV 0.034 V 0.29 V	In-house
		DC Voltage		0 mV to 20 mV >20 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	0.0022 mV 0.023 mV 0.091 mV 0.85 mV 0.013 V 0.031 V	In-house

SI No	Type of Instrument / Gauge	Calibration performed/ Measured Quantity	Calibration methods / Measurement procedure	Range of calibration	Calibration Measurement Capability	Location (Site/ In house)
4.3	Clamp Meters	Resistance	WAGA/CM/027	1 Ω to 20 Ω >20 Ω to 1 kΩ >1 kΩ to 1 MΩ >1 MΩ to 120 MΩ	0.019 Ω 0.030 Ω 0.025 kΩ 0.024 MΩ	In-house
4.4	Insulation Testers	Generation of Insulation Resistance	WAGA/CM/028	100 kΩ 200 kΩ 500 kΩ 1 MΩ 2 MΩ 5 MΩ	0.19 kΩ 0.45 kΩ 0.41 kΩ 0.0022 MΩ 0.019 MΩ 0.020 MΩ	In-house
				10 MΩ 20 MΩ 30 MΩ 40 MΩ 50 MΩ 60 MΩ 70 MΩ 80 MΩ 90 MΩ	0.19 MΩ 0.19 MΩ 0.24 MΩ 0.19 MΩ 0.19 MΩ 0.24 MΩ 0.26 MΩ 0.45 MΩ 0.19 MΩ	
				100 MΩ 200 MΩ 300 MΩ 400 MΩ 500 MΩ 600 MΩ 700 MΩ 800 MΩ 900 MΩ	0.19 MΩ 1.9 MΩ 2.4 MΩ 2.4 MΩ 2.3 MΩ 2.4 MΩ 2.4 MΩ 2.4 MΩ 2.5 MΩ	
				1 GΩ 2 GΩ 3 GΩ 4 GΩ 5 GΩ 6 GΩ 7 GΩ 8 GΩ 9 GΩ	0.0019 GΩ 0.019 GΩ 0.031 GΩ 0.033 GΩ 0.033 GΩ 0.033 GΩ 0.081 GΩ 0.034 GΩ 0.037 GΩ	
				10 GΩ 20 GΩ 30 GΩ 40 GΩ 50 GΩ 60 GΩ 70 GΩ 80 GΩ 90 GΩ 100 GΩ	0.067 GΩ 0.59 GΩ 0.76 GΩ 0.85 GΩ 1.5 GΩ 1.6 GΩ 3.3 GΩ 3.7 GΩ 3.8 GΩ 4.5 GΩ	

SI No	Type of Instrument / Gauge	Calibration performed/ Measured Quantity	Calibration method s / Measurement procedure	Range of calibration	Calibration Measurement Capability	Location (Site/ In house)
4.5	Multimeters	DC Voltage	WAGA/CM/017	0 mV to 20 mV >20 mV to 200 mV >0.2 V to 2 V	0.0022 mV 0.023 mV 0.091 mV	In-house
				>2 V to 20 V >20 V to 200 V >200 V to 1000 V	0.85 mV 13 mV 31 mV	
		AC Voltage		1 mV to 20 mV (50 Hz to 100kHz) >20 mV to 200 mV (50 Hz to 100 kHz) >0.2 V to 2 V (50 Hz to 100 kHz) >2 V to 20 V (50 Hz to 100 kHz) >20 V to 200 V (50 Hz to 1 kHz) >200 V to 1000 V (50 Hz to 1 kHz)	0.025 mV 0.045 mV 0.36 mV 2.2 mV 34 mV 0.29 V	
				DC Current	0 μ A to 200 μ A >200 μ A to 2 mA >2 mA to 20 mA >20 mA to 200 mA >200 mA to 2 A >2 A to 20 A	
		AC Current			10 μ A to 200 μ A (50 Hz to 1 kHz) >200 μ A to 2 mA (50 Hz to 1 kHz) >2 mA to 20 mA (50 Hz to 1 kHz) >20 mA to 200 mA (50 Hz to 1 kHz) >200 mA to 2 A (50 Hz to 500 Hz) >2 A to 20 A (50 Hz to 500 Hz)	
				Resistance	1 Ω to 20 Ω >20 Ω to 1 k Ω >1 k Ω to 1 M Ω >1 M Ω to 120 M Ω 1 G Ω (Decade Resistance)	
		Capacitance			1 nF 10 nF 20 nF 50 nF 100 nF 200 nF 500 nF 1 μ F 10 μ F 20 μ F 50 μ F 100 μ F	
				Digital Frequency	1 Hz to 100 Hz >100 Hz to 100 kHz >100 kHz to 100 MHz	

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4.6	Calibration of pH Meter	Simulation of Voltage (Indicator)	WAGA/ CM/024	0 pH, 4 pH, 7 pH, 10 pH, 14 pH (-413 mV to +413 mV)	0.0019 pH	In-house / Site
		Standard Reference Buffer Solutions (Electrode)		pH 0 to 14	0.024 pH	
5. Time and Frequency						
5.1	Tachometers (Non- Contact Type)	Rotational Speed	WAGA/ CM/019	60 RPM to 600 RPM >600 RPM to 6000 RPM >6000 RPM to 60000 RPM >60000 RPM to 99960 RPM	0.36 RPM 0.78 RPM 7.0 RPM 37 RPM	In-house
5.2	Rotating Machines (including centrifuges)	Rotational Speed	WAGA/ CM/018	6 RPM to 100 RPM	1.0 RPM	In-house / Site
				>100 RPM to 1000 RPM	4.4 RPM	
				>1000 RPM to 10000 RPM	16 RPM	
				>10000 RPM to 90000 RPM	1.1 X 10 ² RPM	
5.3	Stop watch/Timers	Time period	WAGA/ CM/055	1 sec to 86400 sec	0.67 sec	In-house
5.4	Tachometer (Contact type)	Rotation speed	WAGA/ CM/058	10 RPM to 1000 RPM	3.6 RPM	In-house
				>1000 RPM to 9000 RPM	22 RPM	
6. Measurement Verification						
6.1	Sample cutter	Linear measurement (Area calculation)	WAGA/ C M/ 006	0 to 150 mm	0.033 mm	In-house/ Site
6.2	Crock meter	Force measurement	WAGA/CM/001	1 N to 11 N	0.57 N	In-house/ Site
		Linear measurement		5 mm to 110 mm (stroke)	0.032 mm	
				5 mm to 20 mm (peg dia.)	0.032 mm	
		Speed measurement		10 RPM to 100 RPM	0.94 RPM	
6.3	Reference washing machines (including Wascator)	Temperature measurement	WAGA/ C M/ 010	0 °C to 100 °C	4.1 °C	Site
		Linear measurement		50 mm to 200 mm	1.1 mm	
		Time measurement		1 min to 30 min >30 min to 300 min	0.30 sec 28 sec	
		Speed measurement		20 RPM to 100 RPM >100 RPM to 1000 RPM >1000 RPM to 2000 RPM	0.75 RPM 4.2 RPM 14 RPM	

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6.4	Tumble dryers	Temperature measurement	WAGA/C M/ 009	10 °C to 100 °C	0.31 °C	Site
		Time measurement		1 min to 30 min >30 min to 300 min	0.30 sec 28 sec	
		Speed measurement		20 RPM to 100 RPM >100 RPM to 1000 RPM	0.75 RPM 4.2 RPM	
6.5	Pilling & Snagging Tester (Box & Drum)	Linear measurement	WAGA/C M/ 008	5 mm to 320 mm	0.05 mm	Site
		Speed measurement		6 RPM to 100 RPM >100 RPM to 1000 RPM >1000 RPM to 5000 RPM	0.75 RPM 4.2 RPM 14 RPM	
		Time measurement		1 min to 30 min >30 min to 45 min	0.62 sec 20 sec	
		Pressure		0 to 10 bar	0.73 bar	
6.6	Abrasion Machine (Including Martindale)	Mass	WAGA/C M/ 007	100 g to 3000 g	0.78 g	Site
		Linear measurement		0.5 mm to 150 mm	0.033 mm	
		Speed measurement		20 RPM to 100 RPM	0.75 mm	
6.7	Color Fastener Testers	Temperature	WAGA/C M/ 032	30 °C to 100 °C	4 °C	Site
		Speed		30 RPM to 100 RPM	0.75 RPM	
		Time		15 min to 30 min >30 min to 90 min	0.62 RPM 20 sec	
		Volume		500 ml to 1500 ml	6.0 ml	
6.8	Heat Transfer Press Machines	Temperature	WAGA/CM/ 031	100 °C to 200 °C	0.69 °C	Site
		Pressure		0 bar to 20 bar	0.73 bar	
		Time		5 sec to 30 sec	0.7 sec	
6.9	Perspiration tester	Mass Measurement	WAGA/CM/ 022	0.4 kg to 5 kg	0.74 g	In-house / Site
				0.4 kg to 6 kg	0.14 g	In-house
6.10	Moisture Balance	Mass Measurement	WAGA/CM/065	1 mg to 100 g 100 g to 200 g	0.0006 g 0.0012 g	In-house / Site
		Temperature Measurement		4 °C to 200 °C	0.68 °C	
		Time Measurement		1 min – 30 min	0.62 sec	

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6.11	Metal detector	Apparel Industry (nine point)	WAGA/CM/033	0.8 mm to 1.2 mm (ferrous)	NA	Site		
	Metal detector	Dry Products (0 to 200 mm product height)	WAGA/CM/033	1.0 mm to 1.8 mm (ferrous)	NA			
				1.2 mm to 2.2 mm (nonferrous/aluminum)	NA			
				1.5 mm to 3.0 mm (stainless steel 316)	NA			
		Wet Product (0 to 200 mm product height)	WAGA/CM/033	1.8 mm to 3.0 mm (ferrous)	NA			
				2.5 mm to 4.0 mm (nonferrous/aluminum)	NA			
				3.5 mm to 5.0 mm (stainless steel 316)	NA			
		Aluminum Foil Pack (0 to 100 mm Product height)	WAGA/CM/033	1.0 mm to 4.0 mm (ferrous)	NA			
		Aluminum Foil Pack (100 mm to 200 mm Product height)	WAGA/CM/033	1.0 mm to 1.6 mm (ferrous)	NA			
		Free Fall Vertical Packing Application						
		Dry Products (0 to 250 mm aperture diameter)	WAGA/CM/033	1.0 mm to 1.8 mm (ferrous)	NA		Site	
				1.2 mm to 2.0 mm (non-ferrous /aluminum)	NA			
				1.5 mm to 2.5 mm (stainless steel 316)	NA			
	1.5 mm to 2.5 mm (ferrous)			NA				
	2.0 mm to 3.2 mm (non-ferrous /aluminum)			NA				
	2.5 mm to 4.0 mm (stainless steel 316)			NA				
	Wet/Frozen Products and Metallized Film Packed Products (0 to 250 mm aperture diameter)	WAGA/CM/033						
	Pipeline Application (Liquids, Slurries and Pastes)							
	Metal detector	Wet Products (0 to 100 mm internal pipe diameter)	WAGA/CM/033	1.5 mm to 2.5 mm (ferrous)	NA		Site	
				2.5 mm to 3.0 mm (non-ferrous /aluminum)	NA			
				3.0 mm to 4.0 mm (stainless steel 316)	NA			

Acting Director / CEO

Sri Lanka Accreditation Board for Conformity Assessment