



Department: Calibration Laboratory ISO/IEC 17025 Accreditation No. 015

Appendix to Certificate No. 015-04

Schedule of Accreditation

Name and Address:

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Item	Scope Type	Site	Measurand, Instrument, Gauge	Range [Including margins] (Does not include margins)	CMC Expressed as an Expanded Uncertainty (95%)	Reference Documents	Remarks
Calibration – DC & Low frequency						כיוול – זרם ישר ותדר נמוך	
1	A	P	DC Voltage, Sources	1.018 V	2.8 μ V	Manual Fluke 732B	HP 3458A Standard instrument
2	A	P	מתח בורם ישר, מחוללים	10 V	20 μ V		Fluke 732B Standard instrument
3	A	P	DC Voltage, Measuring Instruments	22 mV to 220 mV]	1.5 μ V	Manual Fluke 5720A	Fluke 5720A Standard instrument
4	A	P		(0.22 V to 2.2 V]	13 μ V		
5	A	P	מתח בורם ישר, מכשירי מדידה	(2.2 V to 11 V]	58 μ V		
6	A	P		(11 V to 22 V]	88 μ V		
7	A	P		(22 V to 220 V]	1.3 mV		
8	A	P		(220 V to 1100 V]	8.3 mV		
9	A	P	DC Current, Measuring Instruments	19 μ A to 220 μ A]	1.9 nA	Manual Fluke 5720A	Fluke 5720A Standard instrument
10	A	P		(0.22 mA to 2.2 mA]	90 nA		
11	A	P	זרם ישר, מכשירי מדידה	(2.2 mA to 22 mA]	0.88 μ A		
12	A	P		(22 mA to 220 mA]	20 μ A		
13	A	P		(0.22 A to 2.2A]	0.24 mA		
14	A	P	DC Resistance, Measuring Instruments	1 Ω	0.12 m Ω	Manual Fluke 5720A	Fluke 5720A Standard instrument
15	A	P		10 Ω	0.26 m Ω		
16	A	P	התנגדות זרם ישר, מכשירי מדידה	100 Ω	1.3 m Ω		
17	A	P		1 k Ω	9.3 m Ω		
18	A	P		10 k Ω	87 m Ω		
19	A	P		100 k Ω	1.2 Ω		

Site: P or T or M, P-Permanent, T-Temporary, M-Mobile
Type of Scopes: A- Fixed, C- flexible

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Calibration – DC & Low frequency					כיוול – זרם ישר ותדר נמוך		
20	A	P		1 MΩ	22 Ω		
21	A	P		10 MΩ	410 Ω		
22	A	P		100 MΩ	12 kΩ		
23	A	P	AC Voltage, Measuring Instruments מתח חילופין, מכשירי מדידה	[2.2 mV to 22 mV]		Manual Fluke 5720A	Fluke 5720A Standard instrument
		[60 Hz to 20 kHz]		7.4 μV			
24		(20 kHz to 100 kHz)		17 μV			
25		(100 kHz to 1 MHz)		80 μV			
26	A	P		[22 mV to 220 mV]			
		[60 Hz to 20 kHz]		33 μV			
27		(20 kHz to 100 kHz)		0.13 mV			
28		(100 kHz to 1 MHz)		0.65 mV			
29	A	P		[0.22 V to 2.2 V]			
		[60 Hz to 20 kHz]		0.16 mV			
30		(20 kHz to 1 MHz)	4.2 mV				
31	A	P	[2.2 V to 22 V]				
		[60 Hz to 20 kHz]	1.6 mV				
32		(20 kHz to 1 MHz)	38 mV				
33	A	P	[22 V to 220 V]				
		[60 Hz to 20 kHz]	17 mV				
34		(20 kHz to 100 kHz)	42 mV				
35	A	P	[220 V to 1100 V]				
		[50 Hz to 1 kHz]	190 mV				
36	A	P	AC Current, Measuring Instruments זרם חילופין, מכשירי מדידה	[22 μA to 220 μA]		Manual Fluke 5720A	Fluke 5720A Standard instrument
		[50 Hz to 1 kHz]		65 nA			
37		(1 kHz to 5 kHz)		0.1 μA			
38	A	P		(0.22 mA to 2.2 mA)			
		[50 Hz to 1 kHz]		0.63 μA			
39		(1 kHz to 5 kHz)		0.78 μA			
40	A	P		(2.2 mA to 22 mA)			
		[50 Hz to 1 kHz]		4.5 μA			
41		(1 kHz to 5 kHz)	6 μA				

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Calibration – DC & Low frequency				כיוול – זרם ישר ותדר נמוך			
42	A	P		(22 mA to 220 mA) [50 Hz to 1 kHz]	44 μ A		
43				(1 kHz to 5 kHz)	58 μ A		
44	A	P		(0.22 A to 2.2 A) [50 Hz to 1 kHz]	0.75 mA		
45				(1 kHz to 5 kHz)	1.2 mA		
46	A	P	Frequency, Sources תדר, מחוללים	1 Pulse Per Second	2×10^{-11}	Manual AccuBeat AR-80A	HP 58503A Standard instrument AccuBeat AR-80A Standard instrument Integration time- 100 seconds
Calibration –RF & Microwave, Time				כיוול – תדר גבוה, זמן			
47	A	P	Frequency, Sources תדר, מחוללים	1 MHz	2×10^{-11}	Manual AccuBeat AR-80A	HP 58503A Standard instrument
48	A	P		5 MHz	2×10^{-11}		AccuBeat AR-80A Standard instrument
49	A	P		10 MHz	2×10^{-11}		Integration time- 100 seconds
50	A	P		[1 Hz to 1 GHz]	$(4.6 \times 10^{-11} f + 6 \times 10^{-6})$ Hz		AR-80A Standard instrument For $f \leq 100$ kHz Integration time- 1000 seconds For $f > 100$ kHz Integration time- 100 seconds
51	A	P		(1 GHz to 50 GHz)	3×10^{-11}	Manual Agilent E4448A & E8257D	Gate Time: 0.5 Second

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