



مؤسسة المواصفات والمقاييس

Jordan Institution for Standards and Metrology

Certificate for Approval of a National Measurement Standard

No.

NS	11	2010
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According to instructions No.(2) for the year 2002 "Instructions of Organizing the Measurement and Calibration Activities in Jordan", issued pursuant to article (5) of the regulation of "National Measurement System", No.(31) for the Year 2001, and JISM law No.(22) for year 2000. JISM hereby approved the

National Standards of Resistance **(Measuring : 1 Ω – 100 M Ω)** **(Source : 1 Ω – 1 G Ω)**

realized by measurement standards specified in the attached report No. 11/2010, to be kept and maintained by :

Royal Scientific Society
Jordan National Metrology Institute (JNMI)
P.O. Box 1438, Al-Jubaiha 11941, Jordan

The tasks and responsibilities of JNMI with regard to maintenance, traceability and documentation of the National Standards are laid down in the agreement No. 1/2009.

Official Stamp



Issue date: Feb. 1st. 2010

Director General

Dr. Yaseen Khayyat



**Jordan Institution for Standards and Metrology
Metrology Department**

National Standard of Resistance

Report No. **11/2010**

Issue date : Feb. 1st, 2010

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Information about the Laboratory		Environmental Conditions	
Lab Name:	National Primary Laboratory for Electrical Measurement and Calibration / JNMI	Temperature :	23 °C ± 1 °C
Person in charge:	Eng Fawaz Allabadi - Director of Jordan National Metrology Institute	Relative Humidity:	50 % ± 10 %
Metrologist in charge:	Eng Fawaz Allabadi Deputy: Eng. Ibrahim Sehweil	Air Pressure:	90 kPa ± 10 kPa

Equipment	Manufacturer & Model	Serial No.	Range	Class/Uncertainty	Certificate No.	Issued by	Issued date	Valid until	Traceable to BIPM through
Digital multimeter (measuring system)	Agilent	2823A26805	1 Ω – 1 GΩ	± 100 ppm	DKD:1104/2009	JNMI	1/10/2009	1/10/2011	KRISS/KOREA
Multifunction calibrator (variable source)	Fluke	7695201	1 Ω – 100 MΩ	± 43 ppm	DKD:1103/2009	JNMI	1/10/2009	1/10/2010	KRISS/KOREA
Multi-Product Calibrator	Fluke	9023007	0.5 m Ω – 1090 MΩ	0.1 %	MteP804805-K03	SP/Sweden	21/11/2008	21/11/2010	SP/Sweden
Resistance Standard	Fluke	8998006	1 Ω	± 0.1 ppm	0800-04701-011	KRISS/Korea	15/10/2008	15/10/2013	KRISS/Korea
Resistance Standard	Fluke	8998007	1.9 Ω	± 0.8 ppm	1R1968	JNMI	16/8/2009	16/8/2010	Fluke/USA
Resistance Standard	Fluke	8998008	10 Ω	± 0.8 ppm	1R1959	JNMI	16/8/2009	16/8/2010	Fluke/USA
Resistance Standard	Fluke	8998009	100 Ω	± 0.8 ppm	1R1960	JNMI	16/8/2009	16/8/2010	Fluke/USA
Resistance Standard	Fluke	8998010	1 kΩ	± 1.2 ppm	1R1961	JNMI	16/8/2009	16/8/2010	Fluke/USA
Resistance Standard	Fluke	8999003	10 kΩ	± 0.3 ppm	0800-04701-013	KRISS/Korea	15/10/2008	15/10/2013	KRISS/Korea
Resistance Standard	Fluke	8998012	19 kΩ	± 1.2 ppm	1R1963	JNMI	16/8/2009	16/8/2010	Fluke/USA
Resistance Standard	Fluke	9001001	100 kΩ	± 1.9 ppm	1R1952	JNMI	16/8/2009	16/8/2010	Fluke/USA
Resistance Standard	Fluke	8998013	1 MΩ	± 3.8 ppm	1R1955	JNMI	16/8/2009	16/8/2010	Fluke/USA
Resistance Standard	Fluke	9001002	10 MΩ	± 7.7 ppm	1R1941	JNMI	16/8/2009	16/8/2010	Fluke/USA
Resistance Standard	Fluke	9001003	19 MΩ	± 15.4 ppm	1R1942	JNMI	16/8/2009	16/8/2010	Fluke/USA

Director of Metrology Department

Eng. Osama Melhem

Official Stamp



Fawaz Allabadi