



مؤسسة المواصفات والمقاييس  
Jordan Institution for Standards and Metrology

## Certificate for Approval of a National Measurement Standard

No. 

NS	11	2006
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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 $\Omega$ – 100 M $\Omega$ ) (Source : 1 $\Omega$ – 1 G $\Omega$ )**

realized by a set of Standard Resistances, Digital Multimeter, and Multifunction Calibrator specified in the attached report No. 11/2006, to be kept and maintained by :

**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. 17/2006 of 7 March 2006.

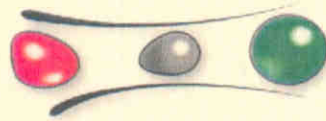
This certificate was issued on 2<sup>nd</sup> July, 2006 and considered valid until 2<sup>nd</sup> July, 2007.

**Official Stamp**



**Director General**

**Dr. Yaseen Khayyat**



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

**National Standard of Resistance  
Report No. 11/2006**

Issue date : 2/7/2006

Valid until : 2/7/2007

Information about the Laboratory		Environmental Conditions	
<b>Lab Name:</b>	National Primary Laboratory for Electrical Measurement and Calibration / JNMI	<b>Temperature :</b>	20 °C ± 1 °C
<b>Person in charge:</b>	Eng Fawaz Allabadi - Director of Jordan National Metrology Institute	<b>Relative Humidity:</b>	50 % ± 10 %
<b>Metrologist in charge:</b>	Eng. Fadi Dagdouq	<b>Air Pressure:</b>	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	18593	Fluke	31/5/2005	31/5/2007	PTB / Germany
Multifunction calibrator (variable source)	Fluke	7695201	1 Ω – 100 MΩ	± 43 ppm	18603	Fluke	1/6/2005	1/6/2007	PTB / Germany
Resistance Standard	Fluke	8998006	1 Ω	± 0.8 ppm	1R1967	Fluke	7/11/2005	7/11/2007	NIST/USA
Resistance Standard	Fluke	8998007	1.9 Ω	± 0.8 ppm	1R1968	Fluke	8/11/2005	8/11/2007	NIST/USA
Resistance Standard	Fluke	8998008	10 Ω	± 0.8 ppm	1R1959	Fluke	8/11/2005	8/11/2007	NIST/USA
Resistance Standard	Fluke	8998009	100 Ω	± 0.8 ppm	1R1960	Fluke	11/11/2005	11/11/2007	NIST/USA
Resistance Standard	Fluke	8998010	1 kΩ	± 1.2 ppm	1R1961	Fluke	8/11/2005	8/11/2007	NIST/USA
Resistance Standard	Fluke	8998011	10 kΩ	± 0.8 ppm	1R1962	Fluke	8/11/2005	8/11/2007	NIST/USA
Resistance Standard	Fluke	8998012	19 kΩ	± 1.2 ppm	1R1963	Fluke	11/11/2005	11/11/2007	NIST/USA
Resistance Standard	Fluke	9001001	100 kΩ	± 1.9 ppm	1R1952	Fluke	14/11/2005	14/11/2007	NIST/USA
Resistance Standard	Fluke	8998013	1 MΩ	± 3.8 ppm	1R1955	Fluke	14/11/2005	14/11/2007	NIST/USA
Resistance Standard	Fluke	9001002	10 MΩ	± 7.7 ppm	1R1941	Fluke	11/11/2005	11/11/2007	NIST/USA
Resistance Standard	Fluke	9001003	19 MΩ	± 15.4 ppm	1R1942	Fluke	11/11/2005	11/11/2007	NIST/USA

**Director of Metrology Department**

**Eng. Osama Melhem**

*O. Melhem*

**Official Stamp**

