

مؤسسة المواصفات والمقاييس
Jordan Institution for Standards and Metrology

Certificate for Approval of a National Measurement Standard

No.

NS	04	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 Temperature (-195.798 °C – 1084.62 °C)

realized by measurement standards specified in the attached report No. 04/2010, 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.

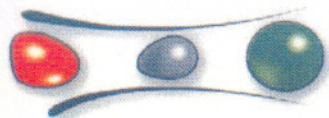
Official Stamp



Issue date: Feb. 1st 2010

Director General

Dr. Yaseen Khayyat



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

National Standard of Temperature

Report No. **04/2010**

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Information about the Laboratory		Environmental Conditions	
Lab Name:	National Primary Laboratory for Temperature Measurement and Calibration / JNMI	Temperature :	23 °C ± 3 °C
Person in charge:	Eng Fawaz Allabadi - Director of Jordan National Metrology Institute	Relative Humidity:	50 % ± 10 %
Metrologist in charge:	Eng. Mustafa Flaifel Deputy: Eng. Mariam Bishtawi	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
Triple Point of Water Fixed Point	Fluke 5901A-Q	A-Q5037	0.01 °C	± 0.10 mK	A8A10051	Fluke	11/11/2008	10/11/2013	NIST/ USA
Triple Point of Water Fixed Point	Fluke 5901A-Q	A-Q5038	0.01 °C	± 0.10 mK	A8A10050	Fluke	11/11/2008	10/11/2013	NIST /USA
Ga Fixed Point	ISOTECH/UK	Ga390	29.7646 °C	± 0.25 mK	JORS-68/25269	NTPL- ISOTECH / UK	31/10/2005	31/10/2010	NPL/UK
In Fixed Point	ISOTECH/UK	In131B	156.5985 °C	± 1 mK	JORS-68/25269		14/3/2006	14/3/2011	
Sn Fixed Point	ISOTECH/UK	Sn176B	231.928 °C	± 1 mK	JORS-68/25269		14/3/2006	14/3/2011	
Zn Fixed Point	ISOTECH/UK	Zn215B	419.527 °C	± 2.5 mK	JORS-68/25269		14/3/2006	14/3/2011	
Al Fixed Point	ISOTECH/UK	A1192	660.323 °C	± 4 mK	JORS-68/25269		14/3/2006	14/3/2011	
Ag Fixed Point	ISOTECH/UK	Ag107	961.78 °C	± 7 mK	JORS-68/25269		14/3/2006	14/3/2011	
Cu Fixed Point	ISOTECH/UK	Cu34	1084.62 °C	± 800 mK	JORS-68/25269		14/3/2006	14/3/2011	
25 Ω SPRT	ISOTECH/UK	935-14-77E/202	-195.798 °C - 0 °C	± 10 mK	0800-04701-007	KRISS/KOREA	16/10/2008	16/10/2011	KRISS/KOREA
25 Ω SPRT	ISOTECH/UK	935-14-77E/204	-195.798 °C - 230 °C	± 10 mK	0800-04701-005	KRISS/KOREA	16/10/2008	16/10/2011	KRISS/KOREA

Director of Metrology Department

O. Melhem
Eng. Osama Melhem

Official Stamp



Fawaz Allabadi