

مؤسسة المواصفات والمقاييس

Jordan Institution for Standards and Metrology

Certificate for Approval of a National Measurement Standard

No.

| | | |
|----|----|------|
| NS | 04 | 2006 |
|----|----|------|

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 a set of Triple Point of Water, Fixed Point cells and 25 Ω SPRT specified in the attached report No. 04/2006, 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.

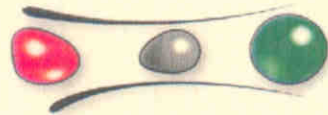
This certificate was issued on 2nd July, 2006 and considered valid until 2nd July, 2007.

Official Stamp



Director General

Dr. Yaseen Khayyat



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

National Standard of Temperature

Report No. **04/2006**

Issue date : 2/7/2006

Valid until : 2/7/2007

| Information about the Laboratory | | Environmental Conditions | |
|----------------------------------|--|--------------------------|-----------------|
| Lab Name: | National Primary Laboratory for Temperature Measurement and Calibration / JNMI | Temperature : | 20 °C ± 1 °C |
| Person in charge: | Eng Fawaz Allabadi - Director of Jordan National Metrology Institute | Relative Humidity: | 50 % ± 10 % |
| Metrologist in charge: | Eng. Mustafa Flaifel | 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 | ISOTECH/UK | A13/50/449 | 0.01 °C | ± 0.15 mK | JORS-68/251807 | NTPL- ISOTECH / UK | 14/3/2006 | 14/3/2008 | NPL/UK |
| Ga Fixed Point | ISOTECH/UK | Ga390 | 29.7646 °C | ± 0.25 mK | JORS-68/25269 | | 31/10/2005 | 31/10/2007 | |
| In Fixed Point | ISOTECH/UK | In131B | 156.5985 °C | ± 1 mK | JORS-68/25269 | | 14/3/2006 | 14/3/2008 | |
| Sn Fixed Point | ISOTECH/UK | Sn176B | 231.928 °C | ± 1 mK | JORS-68/25269 | | 14/3/2006 | 14/3/2008 | |
| Zn Fixed Point | ISOTECH/UK | Zn215B | 419.527 °C | ± 2.5 mK | JORS-68/25269 | | 14/3/2006 | 14/3/2008 | |
| Al Fixed Point | ISOTECH/UK | Al192 | 660.323 °C | ± 4 mK | JORS-68/25269 | | 14/3/2006 | 14/3/2008 | |
| Ag Fixed Point | ISOTECH/UK | Ag107 | 961.78 °C | ± 7 mK | JORS-68/25269 | | 14/3/2006 | 14/3/2008 | |
| Cu Fixed Point | ISOTECH/UK | Cu34 | 1084.62 °C | ± 800 mK | JORS-68/25269 | | 14/3/2006 | 14/3/2008 | |
| 25 Ω SPRT | ISOTECH/UK | 935-14-77E/204 | -195.798 °C - 0 °C | ± 15 mK | 05-10-24 | | 14/3/2006 | 14/3/2008 | |

Director of Metrology Department

O. Melhem

Eng. Osama Melhem

Official Stamp

