



Certificate No. L1778-070607

財團法人全國認證基金會  
Taiwan Accreditation Foundation

## Certificate of Accreditation

This is to certify that

**Morshine Electric Heat Co., Ltd.**  
**Temperature Calibration Laboratory**

2F-12, No. 130, Jian Kang Rd., Chung Ho, Taipei Hsien, Taiwan, R.O.C.

**is accredited in respect of laboratory**

**Accreditation Criteria** : ISO/IEC 17025:2005  
**Accreditation Number** : 1778  
**Originally Accredited** : June 07, 2007  
**Effective Period** : June 07, 2007 to June 06, 2010  
**Accredited Scope** : Calibration Field, see described in the Appendix

*Jay-san Chen*

Jay-San Chen  
President, Taiwan Accreditation Foundation  
Date : June 07, 2007



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Laboratory Head : CHEN, Jackie

## Temperature/Humidity

Calibration items	Calibration Method /Working Standard	Ranges	Best measurement Capability
KE1004 Thermocouple R Type	MS-SCP-01 /S Type Thermocouple Morshine/MT-109R (WQ95052P)	100 °C to 300 °C	2.1 °C (R Type)
		>300 °C to 800 °C	1.8 °C
		>800 °C to 900 °C	1.6 °C
		>900 °C to 1100 °C	1.8 °C
S Type		100 °C to 300 °C	1.6 °C (S Type)
		>300 °C to 800 °C	1.6 °C
		>800 °C to 900 °C	1.5 °C
		>900 °C to 1100 °C	1.8 °C
E Type		100 °C to 300 °C	1.9 °C (E Type)
N Type		>300 °C to 700 °C	1.8 °C
		100 °C to 300 °C	1.7 °C (N Type)
		>300 °C to 800 °C	1.5 °C
K Type		>800 °C to 900 °C	1.5 °C
		>900 °C to 1100 °C	1.8 °C
		100 °C to 300 °C	1.7 °C (K Type)
		>300 °C to 800 °C	1.7 °C
J Type		>800 °C to 900 °C	1.5 °C
		>900 °C to 1100 °C	1.8 °C
		100 °C to 300 °C	1.8 °C (J Type)
(Null below)		>300 °C to 700 °C	1.5 °C

Remarks : Best measurement capability represents an expanded uncertainty using a coverage factor approximately 95% level of confidence.

Approval Signatory	Scope
YUE, Peter	KE1004
LEE, I-Ming	KE1004