TEMPERATURE VALIDATION SERVICE

PJLA Calibration

to ISO/IEC 17025:2005

Customer _____

INSTRUMENT INFORMATION

Calibration Date: _____ **Calibration Due Date:** _____

Serial No.: _____ **Report No.:** _____

Model No.: _____

Range: _____ **Divisions:** _____ **Scale:** _____

Standard Temperature	Thermometer Reading	Correction +/-

* If the sign given is **+** the true temperature is higher than the indicated temperature,
If the sign given is **-** the true temperature is lower than the indicated temperature.

Test Reference Documents

ASTM E644-09 Standard Test Method 6.2.1 Volume 14.03.2011
NIST Technical Note 1265, Guidelines for Realizing the Interna[illegible] Temperat[illegible]e of 1990 (ITS-90).

NIST Traceable Equipment Used to Perform Testing:

Manufacture	Description	[illegible]	Serial Numbers	Calibration Date	Calibration Due Date
Fluke /Hart Scientific	Black Stack PRT Scanner Mo[illegible]	2[illegible]	A56655	10/10/2013	10/10/2014
Burns	100ohm PRT Probe's	56[illegible]5	3543	10/10/2013	10/10/2014
"	"		1086	10/10/2013	10/10/2014
"	"		1095	10/10/2013	10/10/2014
"	"	"	856968	10/10/2013	10/10/2014
"	"		853277	10/10/2013	10/10/2014
Thermotron	Temperature H[illegible] Chamber	[illegible]1.0.3200	42716	01/23/2014	01/23/2015
Vaisala	MI70 w/ Prob[illegible]	[illegible]75	G2720017/H023001	01/23/2014	01/23/2015

Laboratory Environmental Condit[illegible]

[illegible]	[illegible]ure	Humidity	Onsite Calibration
[illegible]	[illegible]5°C	40% - 60%	Yes

Thermometer Integr[illegible]

Complete visual inspec[illegible] any physical damage.

Calibration Proc[illegible]

The NIST traceab[illegible] instru[illegible]s listed were used to calibrate the described thermometer listed above against the NIST traceable reference standards in accorda[illegible] with ISO/IE[illegible]025 calibration procedures at the noted test temperatures by a comparison method.
The standards used have been c[illegible] by an ISO/IEC 17025/ A2LA accredited calibration laboratory.

The calibration results publi[illegible] in this certificate were obtained using equipment capable of producing results that are traceable to NIST and through NIST to the International System of Units (SI). The uncertainty of measurement associated with the measurement result reported in this certificate is available upon request and was accounted for in making the decision of compliance or noncompliance with the relevant specification identified above.

The reported expanded uncertainty of measurement is stated as the combined standard uncertainty of measurement multiplied by the coverage factor k (k =2) such that the coverage probability corresponds to approximately 95 %.

CALIBRATION TECHNICIAN : _____ **CALIBRATION APPROVED BY:** _____

SAMPLE