

TEMPERATURE CONTROLS PTY LTD

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THERMOCOUPLES * RTD SENSORS * THERMOWELLS * EXTENSION CABLES * LEVEL SWITCHES

Ref: 1037a

CALIBRATION TEST REPORT TYPE K THERMOCOUPLE

Method: Calibration was performed in accordance with the calibration method TP 03/2.11 Issue B

Results: The Thermocouples serial numbers

04268; 04269; 04270; 04271 were tested at nominal temperatures of 300 °C, 400 °C, 700 °C, 900 °C and 1000 °C by inter comparison with reference thermocouple serial number TR02.

The readings for the probes were taken with a GLA Calibrator Model 6500 Serial No 9748652.

Nominal Temperature	Actual Temperature	UUT Measured Temperature	Correction to Probe	Uncertainty of Measurement
300.0 °C	295.7 °C	295.2 °C	+0.5 °C	+/-1.0 °C
400.0 °C	389.6 °C	389.2 °C	+0.4 °C	+/-1.5 °C
700.0 °C	702.9 °C	702.8 °C	+0.1 °C	+/-2.0 °C
900.0 °C	902.1 °C	902.0 °C	+0.1 °C	+/-2.5 °C
1000.0 °C	1002.1 °C	1002.4 °C	-0.3 °C	+/-3.0 °C

Values for temperature are expressed in terms of the International Temperature Scale of 1990 (ITS-90)

Date of Test: 16th September 2005

Presented To: Precision Process Control

Order Number: P509-001

Signed

Phillip Lonsdale
Testing Officer