

Sub 404393 @6664



Report of Calibration

As Found / As Left



Procedure (RUN): Eurotherm Chessell 5100V: CAL VER/5520: Revision: 1.0.A

Page 1 of 3

UUT

Made by: Eurotherm
Model: 6100A
Serial No.: MA120018G
ID No.: N/A
Description: Graphic Recorder

Calibration

Report No.: RA2214-R-MA120018G
Adjusted: No
Condition: In Tolerance
Calibration Date: 9-Mar-2011
Calibration Due: 9-Mar-2012

Customer

Red-D-ARC Truck
10364 Pantera Dr.
Mississauga, ON
L4W 4A7

Environment

Temperature: 21.2°C
Humidity: 37%RH



STATEMENT OF UNCERTAINTY: The reported expanded uncertainty of measurement is stated as the standard measurement uncertainty multiplied by the coverage factor $K = 2$, which for a normal distribution corresponds to a coverage probability of approximately 95 percent. Alpha Controls certifies this instrument was calibrated on the date shown using standards traceable to NIST/NRC or accepted intrinsic standards and in compliance with ISO/IEC-17025:2005 and ANSI/NCSL Z540-1.

Any statement of compliance is made without taking measurement uncertainty into account and is based on UUT performance against required tolerance only. The customer must ensure equipment calibrated meets the intended use.

Tolerance is based on manufacturer specification if not stated otherwise. Calibration results relate to items calibrated only.

STANDARDS

Instrument	Model	ID No./Serial No.	Traceability No.	Recall Date
Multi-Product Calibrator	Fluke 5520A	ELC-CAL-01	ST3003496	7-May-2011

REMARKS:

New Battery installed.

*For Branch
FAITH - MMA 120018.*

Performed by:

Tony Wheaton
Tony Wheaton

Reviewed by:

[Signature]
QA Rep.

This report shall not be reproduced except in full without written approval of Alpha Controls and Instrumentation.



Report of Calibration

As Found / As Left



Procedure (RUN): Eurotherm Chessel 5100V: CAL VER/5520: Revision: 1.0.A

Page 2 of 3

UUT

Made by: Eurotherm
 Model: 6100A
 Serial No.: MA120018G
 ID No.: N/A
 Description: Graphic Recorder

Calibration

Report No.: RA2214-R-MA120018G
 Adjusted: No
 Condition: In Tolerance
 Calibration Date: 9-Mar-2011
 Calibration Due: 9-Mar-2012

Test Description	STD	UUT	Error	Tolerance	Units	P/F	Uncertainty
TEST RESULTS							
CHANNEL: 1							
@ 0.000 V							
-46 °C	-46.0	-45	1.00000	±4.0	°C	Pass	5.77e-001
@ 2.787 V							
195 °C	195.0	195	0.00000	±4.0	°C	Pass	5.77e-001
@ 6.013 V							
472 °C	472.0	472	0.00000	±4.0	°C	Pass	5.77e-001
@ 9.239 V							
750 °C	750.0	750	0.00000	±4.0	°C	Pass	5.77e-001
CHANNEL: 2							
@ 0.000 V							
-46 °C	-46.0	-46	0.00000	±4.0	°C	Pass	5.77e-001
@ 2.787 V							
195 °C	195.0	195	0.00000	±4.0	°C	Pass	5.77e-001
@ 6.013 V							
472 °C	472.0	472	0.00000	±4.0	°C	Pass	5.77e-001
@ 9.239 V							
750 °C	750.0	750	0.00000	±4.0	°C	Pass	5.77e-001
CHANNEL: 3							
@ 0.000 V							
-46 °C	-46.0	-46	0.00000	±4.0	°C	Pass	5.77e-001
@ 2.787 V							
195 °C	195.0	195	0.00000	±4.0	°C	Pass	5.77e-001
@ 6.013 V							
472 °C	472.0	472	0.00000	±4.0	°C	Pass	5.77e-001
@ 9.239 V							
750 °C	750.0	750	0.00000	±4.0	°C	Pass	5.77e-001
CHANNEL: 4							
@ 0.000 V							
-46 °C	-46.0	-46	0.00000	±4.0	°C	Pass	5.77e-001
@ 2.787 V							

This report shall not be reproduced except in full without written approval of Alpha Controls and Instrumentation.



Report of Calibration

As Found / As Left



Procedure (RUN): Eurotherm Chessell 5100V: CAL VER/5520: Revision: 1.0.A

Page 3 of 3

UUT

Made by: Eurotherm
 Model: 5100A
 Serial No.: MA120018G
 ID No.: N/A
 Description: Graphic Recorder

Calibration

Report No.: RA2214-R-MA120018G
 Adjusted: No
 Condition: In Tolerance
 Calibration Date: 9-Mar-2011
 Calibration Due: 9-Mar-2012

Test Description	STD	UUT	Error	Tolerance	Units	P/F	Uncertainty
195 °C @ 5.013 V	195.0	195	0.00000	±4.0	°C	Pass	5.77e-001
472 °C @ 9.239 V	472.0	472	0.00000	±4.0	°C	Pass	5.77e-001
750 °C	750.0	750	0.00000	±4.0	°C	Pass	5.77e-001
CHANNEL: 5							
@ 0.000 V -46 °C	-46.0	-46	0.00000	±4.0	°C	Pass	5.77e-001
@ 2.787 V 195 °C	195.0	195	0.00000	±4.0	°C	Pass	5.77e-001
@ 6.013 V 472 °C	472.0	472	0.00000	±4.0	°C	Pass	5.77e-001
@ 9.239 V 750 °C	750.0	750	0.00000	±4.0	°C	Pass	5.77e-001
CHANNEL: 6							
@ 0.000 V -46 °C	-46.0	-46	0.00000	±4.0	°C	Pass	5.77e-001
@ 2.787 V 195 °C	195.0	195	0.00000	±4.0	°C	Pass	5.77e-001
@ 6.013 V 472 °C	472.0	472	0.00000	±4.0	°C	Pass	5.77e-001
@ 9.239 V 750 °C	750.0	750	0.00000	±4.0	°C	Pass	5.77e-001

END OF REPORT

This report shall not be reproduced except in full without written approval of Alpha Controls and Instrumentation.