A&B ENVIRONMENTAL

Certificate of Calibration

Customer: ARL, Aberdeen MD .

BAR CODE 3177J

Manufacturer: Thelco Model: DL-130D .

Serial # 699020978 Calib. Date: 4/19/12 .

Cal. Interval 12 Months Next check Due: 4/19/13

This Instrument Has Been Calibrated to Manufacturers Specifications Useing Standards Having Traceability ToThe National Institute Of Standards And Technology. Unless otherwise noted calibrations are performed using accuracies equal to one quarter of the specification of the unit under test, measurement uncertainties include a coverage factot of K=2, having a confidence level of 95%.
Measurement Uncertainty available upon request

Received Condition: In Tolerance
Returned Condition: In Tolerance

Test Preformed By Kurt Wood Date 4/19/12

Calibration Result: PASS Cal. Record __12-046

A&B ENVIRONMENTAL
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WEB: www.a-benvironmental.com

CALIBRATION WORK SHEET

CUSTOMER: ARL, Aberdeen MD JOB # 12-046
CHAMBER MANUFACTURE Thelco .
MODEL DESIGNATION DL-130D. BAR CODE **3177J**
SERIAL NUMBER 699020978 .
DATE READINGS TAKEN 4/19/12 TAKEN BY Kenneth Coad
NEXT CALIBRATION CHECK DUE. DATE 4/19/13 .

TIME	SETPOINT	SENSOR	LEADWIRE ERROR	COMPENSATED READING	TEMPERATURE CONVERSION	ERROR
10am	160°f 71°c	127.68Ω	.37Ω	127.31Ω	71.82°c 161.27°f	.82°c. 1.27°f
10:30am	160°f 71°c	127.66Ω	.37Ω	127.29Ω	71.14°c 160.05°f	.14°c. .05°f
11am	250°f 121°c	146.59Ω	.37Ω	146.22Ω	120.39°c 248.70°f	.61°c 1.3°f
11:30am	250°f 121°c	146.62Ω	.37Ω	146.25Ω	121.67°c 251.0°f	.67°c 1.0°f
12noon	350°f 176°c	167.12Ω	.37Ω	166.75Ω	175.28°c 347.50°f	.72°c 2.5°f
12:30pm	350°f 176°c	167.19Ω	.37Ω	166.82Ω	175.09°c 347.16°f	.91°c 2.84°f

NOTE: These reading are taken as close as possible to the control instrument sensor.

Control Tolerance ± 1°c