A&B ENVIRONMENTAL

Certificate of Calibration

A&B ENVIRONMENTAL INC.
ISO: 17025: 2005
COMPLIANT
NIST TRACEABLE
CALIBRATION LAB
74 400 296A

Customer: ARL, Aberdeen MD .

BAR CODE **5986D**

Manufacturer: Blue M Model: DC7256 .

Serial # 326 Batch Oven Calib. Date: 4/18/12 .

Cal. Interval 12 Months Next check Due: 4/18/13

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 Kermit Coad Date 4/18/12

Calibration Result: PASS Cal. Record __12-032

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CALIBRATION WORK SHEET

A&B ENVIRONMENTAL INC.
ISO: 17025: 2005 COMPLIANT
NIST TRACEABLE CALIBRATION LAB
74 400 296A

CUSTOMER: ARL, Aberdeen MD JOB # 12-032
CHAMBER MANUFACTURE Blue M .
MODEL DESIGNATION DC7256. BAR CODE **5986D**
SERIAL NUMBER 326 Batch Oven .
DATE READINGS TAKEN 4/18/12 TAKEN BY Kenneth Coad
NEXT CALIBRATION CHECK DUE. DATE 4/18/13 .

TIME	SETPOINT	SENSOR	LEADWIRE ERROR	COMPENSATED READING	TEMPERATURE CONVERSION	ERROR
10:40am	160°f 71°c	127.48Ω	.37Ω	127.11Ω	70.1°c 158.18°f	.90°c 1.82°f
11:40am	160°f 71°c	127.58Ω	.37Ω	127.21Ω	70.37°c 158.66°f	.64°c 1.66°f
12:20pm	160°c 71°c	127.52Ω	.37Ω	127.15Ω	70.20°c 158.36°f	.80°c 1.64°f
1:20pm	250°f 176°c	146.49Ω	.37Ω	146.12Ω	120.15°c 248.27°f	.95°c 1.73°f
1:50pm	250°f 176°c	146.51Ω	.37Ω	146.14Ω	120.21°c 248.37°f	.79°c 1.63°f
2:20pm	250°f 176°c	146.50Ω	.37Ω	146.13Ω	120.18°c 248.32°f	.82°c 1.68°f

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

Control Tolerance ± 1°c