

A&B ENVIRONMENTAL

Certificate of Calibration



Customer: ARL, Aberdeen MD.

BAR CODE 6061K

Manufacturer: Lindberg / Blue M Model: M0506C

Serial # T09G340360TG Calib. Date: 4/4/12.

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

This Instrument Has Been Calibrated to Manufacturers Specifications
Using Standards Having Traceability To The 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 factor of $K=2$, having a confidence level of 95%.
Measurement Uncertainty available upon request

Received Condition: In Tolerance

Returned Condition: In Tolerance

Test Performed By *Kevin Wal* Date 4/4/12

Calibration Result: PASS

Cal. Record 12-027

A&B ENVIRONMENTAL
Post Office. Box 398 Farmingdale NJ 07727
(732) 919-6051 Fax: (732) 919-1494
WEB: www.a-benvironmental.com

CALIBRATION WORK SHEET



CUSTOMER: ARL, Aberdeen MD JOB # 12-027
 CHAMBER MANUFACTURE Lindberg / Blue M
 MODEL DESIGNATION M0506C. BAR CODE 6061K
 SERIAL NUMBER T09G340360TG
 DATE READINGS TAKEN 4/4/12 TAKEN BY Kenneth Coad
 NEXT CALIBRATION CHECK DUE. DATE 4/4/13

TIME	SETPÓINT	SENSOR	LEADWIRE ERROR	COMPENSATED READING	TEMPERATURE CONVERSION	ERROR
3:30pm	160°F 71°C	128.06Ω	.41Ω	127.65Ω	71.5°C 160.7°F	.5°C .7°F
4pm	160°F 71°C	128.04Ω	.41Ω	127.63Ω	71.45°C 160.61°F	.45°C .61°F
4:30pm	250°F 121°C	146.92Ω	.41Ω	146.51Ω	121.19°C 250.14°F	.19°C .14°F
5pm	250°F 121°C	167.77Ω	.41Ω	146.48Ω	121.11°C 249.99°F	.11°C .01°F
5:30pm	350°F 176°C	167.77Ω	.41Ω	167.36Ω	176.38°C 349.48°F	.38°C .62°F
6pm	350°F 176°C	167.79Ω	.41Ω	167.38Ω	176.42°C 349.55°F	.42°C .45°F

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

Control Tolerance $\pm 1^{\circ}\text{C}$