

DIVISION OF AIR QUALITY
Ambient Monitoring Section
217 West Jones Street / 1641 Mail Service Center
Raleigh, NC 27699-1641

3/16/2022

QA BULLETIN NUMBER DAQ-17-007.2

TO: Steve Ensley, Asheville Regional Office Ambient Monitoring Coordinator

DocuSigned by:
Steve Ensley
8/18/2022
A815A58DA1EB7A62...

Mike Turner, Acting Fayetteville Regional Office Ambient Monitoring Coordinator

DocuSigned by:
Mike Turner
013BB1C451E...

Roger Caulder, Fayetteville Regional Office BAM1020 Operator

DocuSigned by:
Roger Caulder
8/18/2022
C416532F4390441...

Tim Skelding, Raleigh Regional Office Ambient Monitoring Coordinator

DocuSigned by:
Tim Skelding
8/21/2022
B582CC3DF519469...

Jimmy Reske, Raleigh Regional Office BAM1020 Operator

DocuSigned by:
Jimmy Reske
8/22/2022
8DC99569F7CD442...

Jennifer Sides, Washington Regional Office Ambient Monitoring Coordinator

DocuSigned by:
Jennifer Sides
8/22/2022
81A23852929B403...

Sam Mellott, Washington Regional Office BAM1020 Operator

DocuSigned by:
Sam Mellott
9/20/2022
9A402708B5B44A2...

Tony Sabetti, Wilmington Regional Office Ambient Monitoring Coordinator

DocuSigned by:
Tony Sabetti
9/21/2022
644CDF716415484...

Robert Hodges, Wilmington Regional Office BAM1020 Operator

Chengqing Xiao, Winston-Salem Regional Office Ambient Monitoring Coordinator

DocuSigned by:
Chengqing Xiao
11/28/2022
DA731F1BBE714D0...

Kimberly Hornberger, Winston-Salem Regional Office BAM1020 Operator

DocuSigned by:
Kimberly Hornberger
11/28/2022
2D6230732F2A4D...

Roger Locklear, Electronics and Calibration Branch Electronics Technician

DocuSigned by:
Roger Locklear
8/18/2022
B67EAC3EB3124AA...

Joel Little, Electronics and Calibration Branch Electronics Technician

DocuSigned by:
Joel Little
8/18/2022
C1A2D4140D94415...

Mike Lane, Projects and Procedures Branch Environmental Chemist

DocuSigned by:
Mike Lane
8/3/2022
5ED91AA187334B5...

THROUGH: Patrick Butler, Ambient Monitoring Section Chief

DocuSigned by:
Patrick Butler
2022
4290A7E2D2A0429...

Joette Steger, Projects and Procedures Branch Supervisor

DocuSigned by:
Joette Steger
8/1/2022
B278F8186CEC4DC...

Derrick House, Electronics and Calibration Branch Supervisor

DocuSigned by:
Derrick House
8/1/2022
2BFD2E5865E148E...

Brendan Davey, Asheville Regional Office Air Quality Supervisor

DocuSigned by:
Brendan Davey
8/1/2022
C44ACE681BC8437...

Heather Carter, Fayetteville Regional Office Air Quality Supervisor

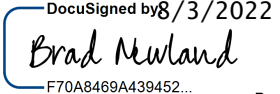
DocuSigned by:
Heather Carter
8/2/2022
BCE8652CCD594C2...

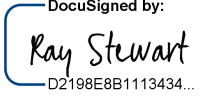
Taylor Hartsfield, Raleigh Regional Office Air Quality Supervisor

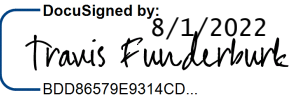
DocuSigned by:
Taylor Hartsfield
8/2/2022
3193BD42A80246E...

Betsy Huddleston, Washington Regional Office Air Quality Supervisor

DocuSigned by:
Betsy Huddleston
8/2/2022
58BE67BC9AD545F...

Brad Newland, Wilmington Regional Office Air Quality Supervisor 

Ray Stewart, Winston-Salem Regional Office Air Quality Supervisor 

FROM: Travis Funderburk, Environmental Chemist, Projects and Procedures Branch 

SUBJECT: BAM 1020 Shelter Temperature Control

The BAM 1020 is sensitive to rapid fluctuations in temperature, which is one reason why NC DAQ required the shelter temperature in the freestanding Ekto configuration be maintained at 28-32 °C. However, it is in the best interest of DAQ to relax the shelter temperature to an achievable goal of 20-30 °C with hourly variations no more than ± 2°C per hour. This change is a good compromise of the BAM 1020 manual specifications (0-50°C). Also, data quality will remain good, HVAC wear and tear will be reduced, and the hours involved in data review will be reduced.

Replace and Discard Original	<input type="checkbox"/>
Add Material to Document	<input type="checkbox"/>
Retain this bulleting until further notice	<input checked="" type="checkbox"/>
Discard this bulleting after noting contents	<input type="checkbox"/>
This bulleting will be invalid after:	Click or tap to enter a date.
This bulletin will be incorporated into the PM QAPP, Northampton QAPP, Background QAPP, Near Road QAPP and NCORE QAPP and associated BAM 1020 SOPs by	9/30/2022