

Alaska Scientific Crime Detection Laboratory

DataMaster Evaluation Form

Issued: 04/03/2018
Effective: 04/04/2018

Version: DMEF2018 R0
Status: Active

Instrument # 100351

Date: 01/13/20

Analyst: Derek Walton

1. Reason for instrument evaluation

Filter wheel errors

2. Visual Inspection

- | | |
|--|---|
| <input checked="" type="checkbox"/> Clean | <input checked="" type="checkbox"/> Replace missing screws |
| <input checked="" type="checkbox"/> Cermetex Box is secure | <input checked="" type="checkbox"/> Ensure modem cable present |
| <input checked="" type="checkbox"/> Gas Valve upright or secured to wall | <input checked="" type="checkbox"/> All tubing and connections are secure |

3. O-ring inspection and ensure 2 O-rings in replacement bag

4. Troubleshooting/Repair

Replaced o-ring.

Recommend return to factory for repair due to nature of status messages.

Ran tank change VOC on 01/16/20 - Filter wheel error.

5. VOC (attached)

6. Internal Standard value $\leq 3.00\%$ Yes No NA

7. Verify software version

- | | |
|--|--|
| <input checked="" type="checkbox"/> Return to Factory for Repair | <input type="checkbox"/> Ready for Calibration |
| <input type="checkbox"/> Ready for Certification | <input type="checkbox"/> Proceed to Close Out |

VERIFICATION OF CALIBRATION REPORT

of DataMaster dmt Breath Test Instrument

State of Alaska

Serial #: 100351

Scientific Crime Detection Laboratory - Statewide Breath Alcohol Program

Date: 01/16/2020

External Standard Test Values

Diagnostic Check

VERSIONS
DMT: 3.02 ✓
PIC: 3.03
Modem: 2.6
Questions: 2.2

TEMPERATURES

Sample Chamber = 48.8°C PASSED
Breath Tube = 43.0°C PASSED

PUMP INFO
Flow Rate = 4.928 L/M PASSED

DETECTOR INFO
PUMP ON PASSED
PUMP OFF PASSED

FILTER INFO
Filter 1 PASSED
Filter 2 PASSED
Filter 3 PASSED

Filter Wheel Error