

Alaska Scientific Crime Detection Laboratory

DataMaster Repair Form

Effective: 10/10/2022

Version: 1.0

Instrument #: 100682

Analyst(s): C. O'Bryant

Start Date: 1/26/23

Reason for Repair

Instrument SD card created a corrupt db post Calibration (testing modem).

Troubleshooting/Repair

Replaced the SD card with a brand new one after transferring all data from the old card to the new card.

Confirmed instrumental data was present by comparing files from the DMT with DM Host Uploaded data.

When attempting a VOC the instrument experienced filter wheel errors + interference status messages.

Return to the factory for repair.

Troubleshooting + repair was delayed due to delayed replacement parts.

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| <input type="checkbox"/> VOC (attached) ^{NA} | <input type="checkbox"/> Verify software version ^{NA} |
| <input type="checkbox"/> VOC Internal Standard value $\leq 3.00\%$ | <input type="checkbox"/> Non-Drinking Subject Test (attached) |
| <input type="checkbox"/> Ready for Adjustment | <input type="checkbox"/> Ready for Calibration |
| <input type="checkbox"/> Further Repair Needed | <input checked="" type="checkbox"/> Return to Factory |
| <input type="checkbox"/> Proceed to Close Out | |

End Date: 6/19/23

VERIFICATION OF CALIBRATION REPORT

of DataMaster dmt Breath Test Instrument

State of Alaska

Serial #: 100682

Scientific Crime Detection Laboratory - Statewide Breath Alcohol Program

Date: 01/26/2023

External Standard Test Values

EXTERNAL STANDARD INFORMATION

NOMINAL: 0.080
TARGET AT 30.04: 0.080
LOT #: AG113402
EXPIRATION: 05/14/2023
TANK PRESSURE: 690 psi

BLANK TEST	0.000	11:35
INTERNAL STANDARD	VERIFIED	11:35
EXTERNAL STANDARD	0.077	11:35

Filter Wheel Error

Diagnostic Check

VERSIONS

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

TEMPERATURES

Sample Chamber = 48.7°C	PASSED
Breath Tube = 46.5°C	PASSED

PUMP INFO

Flow Rate = 4.874 L/M	PASSED
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DETECTOR INFO

PUMP ON	PASSED
PUMP OFF	PASSED

FILTER INFO

Filter 1	PASSED
Filter 2	PASSED
Filter 3	PASSED

INTERNAL STANDARD	PASSED
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