

Alaska Scientific Crime Detection Laboratory

DataMaster Repair Form

Effective: 3/20/2025

Version: 2.0

Instrument #: 100681
Start Date: 1/29/06

Analyst(s): C. O. Bryant

Reason for Repair

Solenoid wire flaking + causing
restarts.

Troubleshooting/Repair

Replaced Solenoid.

- VOC (attached)
- VOC Internal Standard value $\leq 3.00\%$
- Verify software version
- Non-Drinking Subject Test (attached)
- Ready for Adjustment
- Further Repair Needed
- Proceed to Close Out
- Ready for Calibration
- Return to Factory

End Date: 1/29/06

VERIFICATION OF CALIBRATION REPORT

of DataMaster dmt Breath Test Instrument

State of Alaska

Serial #: 100681

Scientific Crime Detection Laboratory - Statewide Breath Alcohol Program

Date: 01/29/2026

External Standard Test Values

EXTERNAL STANDARD INFORMATION

NOMINAL: 0.080
TARGET AT 29.11: 0.078
LOT #: AG436502
EXPIRATION: 12/30/2026
TANK PRESSURE: 1041 psi

BLANK TEST	0.000	11:44
INTERNAL STANDARD	VERIFIED	11:45
Xq = 0.107 (0.08%)		
EXTERNAL STANDARD	0.075	11:45
X[1] = 0.0750 (-0.0016) (0.0031)		
BLANK TEST	0.000	11:46
EXTERNAL STANDARD	0.076	11:46
X[1] = 0.0755 (-0.0019) (0.0028)		
BLANK TEST	0.000	11:47
EXTERNAL STANDARD	0.076	11:47
X[1] = 0.0756 (-0.0025) (0.0026)		
BLANK TEST	0.000	11:48
EXTERNAL STANDARD	0.076	11:48
X[1] = 0.0759 (-0.0023) (0.0022)		
BLANK TEST	0.000	11:49
EXTERNAL STANDARD	0.076	11:49
X[1] = 0.0761 (-0.0020) (0.0022)		
BLANK TEST	0.000	11:50

Average = 0.0758
Std Dev = 0.0004

Diagnostic Check

VERSIONS

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

TEMPERATURES

Sample Chamber = 48.8°C	PASSED
(44.0°C - 52.0°C)	
Breath Tube = 39.6°C	PASSED
(38.0°C - 50.0°C)	

SETTINGS

Lamp Voltage = 1.70 V	PASSED
(1.02 V - 2.38 V)	
Cooler Voltage = 1.60 V	PASSED
(0.92 V - 2.14 V)	
Bias Voltage = 77 V	PASSED
(47 V - 109 V)	
Chopper Freq = 509 Hz	PASSED
(475 Hz - 575 Hz)	
Barometer = 29.1 in	

PUMP INFO

Flow Rate = 4.332 L/M	PASSED
(3.500 L/M - 6.500 L/M)	

DETECTOR INFO

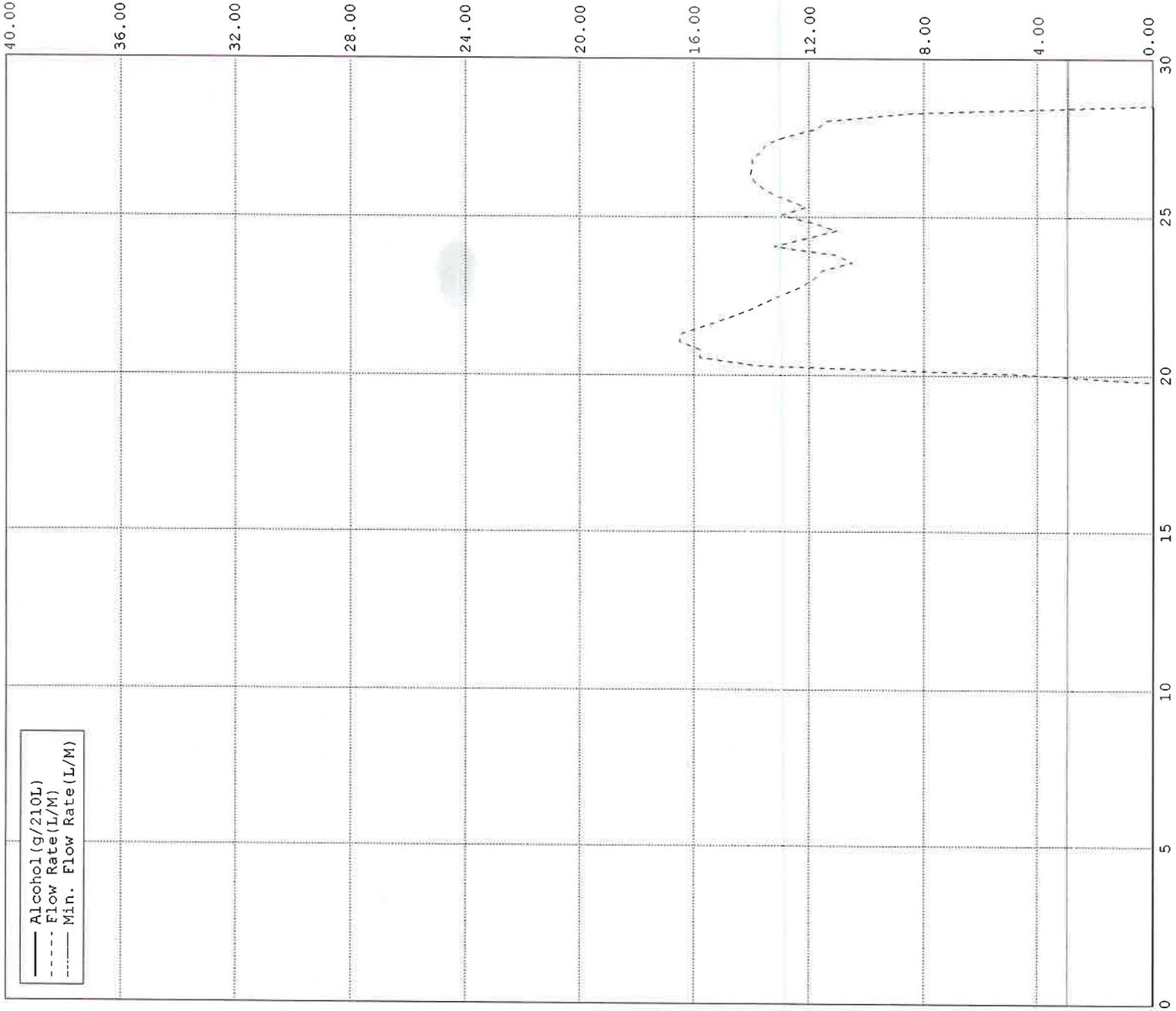
PUMP ON	PASSED
(0.003 V <= 0.010 V)	
PUMP OFF	PASSED
(0.003 V <= 0.010 V)	

FILTER INFO

Filter 1	PASSED
Filter 2	PASSED
Filter 3	PASSED

INTERNAL STANDARD

Xq = 0.107 0.25%	PASSED
(0.00% - 4.00%)	



SUBJECT TEST

Alaska Department of Public Safety
 DATAMASTER dmt: 100681

Date: 01/29/2026
 Time: 11:51:55

SUBJECT NAME:
TEST TEST
LICENSE #: NON-DRINKING

OPERATOR NAME:
 COLLEEN S O'BRYAN
 OPERATOR'S #: 6237

DEPT/AGENCY:
 AAA1

CASE/REPORT: 26-1234
TEST TYPE: TEST

EXTERNAL STANDARD INFORMATION
 NOMINAL: 0.080
 TARGET AT 29.12: 0.078
 LOT #: AG436502
 EXPIRATION: 12/30/2026

TEST TYPE	TIME	RESULT
DIAGNOSTIC CHECK	11:53	PASSED
BLANK TEST	11:53	0.000
INTERNAL STANDARD	11:53	VERIFIED
EXTERNAL STANDARD	11:53	0.077
BLANK TEST	11:54	0.000
SUBJECT SAMPLE (Vol=1.83L)	11:55	0.000
BLANK TEST	11:55	0.000
EXTERNAL STANDARD	11:56	0.076
BLANK TEST	11:57	0.000

CS