

Alaska Scientific Crime Detection Laboratory

Change in Instrument Status Form

Issued: 12/15/2017
Effective: 12/15/2017

Version: CIISF 2017 R0
Status: Active

Date: 3/4/2020 Instrument Serial Number: 100412
Instrument Location: UNALASKA DEPARTMENT OF PUBLIC SAFETY
Supervisor Name and Agency: SERGEANT WOOD

Describe the Status Change or Issue with the Instrument:

OTHER INSTRUMENT THE NEWLY RECEIVED INSTRUMENT
REPLACED HAD A "GAS FLOW ERROR".

DATAMASTER 100412 HAD VARIOUS ISSUES AND FAILED
11 VOCs. WAITED A COUPLE OF ADDITIONAL DAYS IT PASS
A VOC THEN IMMEDIATELY FAILED A VOC, THAT I WAS
ABLE TO RUN 4 CONSECUTIVE PASSES ON 3/4/2020 AND 3/12/2020
OF THE VOC TEST.

If instrument was placed in service or removed from service, fill out the appropriate sections below.

In Service Date/Time: 3/12/2020 1000.00 Hours

Out of Service Date/Time: _____

For Use by SCDL

Additional Notes

100412 had multiple failed VOCs when the agency attempted to put into
service. Upon review of the XML files, it appeared the cause was environmental.
Instrument was allowed to sit over the weekend and did not experience any
status messages on multiple VOCs after that.

JW 03/18/20

Email completed form to dps.scdl.toxicology@alaska.gov

For questions contact the Breath Alcohol Program at 907-269-5740

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VERIFICATION OF CALIBRATION REPORT

of DataMaster dmt Breath Test Instrument

State of Alaska

Serial #: 100412

Scientific Crime Detection Laboratory - Statewide Breath Alcohol Program

Date: 03/04/2020

External Standard Test Values

Diagnostic Check

VERSIONS

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

TEMPERATURES

Sample Chamber = 48.6°C PASSED
Breath Tube = 46.6°C PASSED

PUMP INFO

Flow Rate = 4.780 L/M PASSED

DETECTOR INFO

PUMP ON PASSED
PUMP OFF PASSED

FILTER INFO

Filter 1 PASSED
Filter 2 PASSED
Filter 3 PASSED

INTERNAL STANDARD

INTERNAL STANDARD FAILED

Diagnostic Check Failed

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State of Alaska

Serial #: 100412

Scientific Crime Detection Laboratory - Statewide Breath Alcohol Program

Date: 03/04/2020

External Standard Test Values

Diagnostic Check

VERSIONS

DMT: 3.02

PIC: 3.02

Modem: 2.6

Questions: 2.2

TEMPERATURES

Sample Chamber = 48.9°C

PASSED

Breath Tube = 45.8°C

PASSED

PUMP INFO

Flow Rate = 4.844 L/M

PASSED

DETECTOR INFO

PUMP ON

FAILED

PUMP OFF

FAILED

FILTER INFO

Filter 1

PASSED

Filter 2

PASSED

Filter 3

PASSED

INTERNAL STANDARD

PASSED

Diagnostic Check Failed

VERIFICATION OF CALIBRATION REPORT

of DataMaster dmt Breath Test Instrument

State of Alaska

Serial #: 100412

Scientific Crime Detection Laboratory - Statewide Breath Alcohol Program

Date: 03/04/2020

External Standard Test Values

Diagnostic Check

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

TEMPERATURES
Sample Chamber = 48.8°C PASSED
Breath Tube = 46.0°C PASSED

PUMP INFO
Flow Rate = 4.841 L/M PASSED

DETECTOR INFO
PUMP ON FAILED
PUMP OFF FAILED

FILTER INFO
Filter 1 PASSED
Filter 2 PASSED
Filter 3 PASSED

INTERNAL STANDARD PASSED

Diagnostic Check Failed

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Bliss

VERIFICATION OF CALIBRATION REPORT

of DataMaster dmt Breath Test Instrument

State of Alaska

Serial #: 100412

Scientific Crime Detection Laboratory - Statewide Breath Alcohol Program

Date: 03/05/2020

External Standard Test Values

EXTERNAL STANDARD INFORMATION

NOMINAL: 0.080
TARGET AT 30.39: 0.081
LOT #: AG826101
EXPIRATION: 09/18/2020
TANK PRESSURE: 542 psi

BLANK TEST 0.000 04:47
INTERNAL STANDARD ERROR 04:47

Internal Standard Error

Diagnostic Check

VERSIONS

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

TEMPERATURES

Sample Chamber = 48.9°C PASSED
Breath Tube = 46.8°C PASSED

PUMP INFO

Flow Rate = 4.736 L/M PASSED

DETECTOR INFO

PUMP ON PASSED
PUMP OFF PASSED

FILTER INFO

Filter 1 PASSED
Filter 2 PASSED
Filter 3 PASSED

INTERNAL STANDARD PASSED

VERIFICATION OF CALIBRATION REPORT

of DataMaster dmt Breath Test Instrument

State of Alaska

Serial #: 100412

Scientific Crime Detection Laboratory - Statewide Breath Alcohol Program

Date: 03/05/2020

External Standard Test Values

EXTERNAL STANDARD INFORMATION

NOMINAL: 0.080
TARGET AT 30.12: 0.081
LOT #: AG826101
EXPIRATION: 09/18/2020
TANK PRESSURE: 536 psi

BLANK TEST	0.000	10:35
INTERNAL STANDARD	VERIFIED	10:35
EXTERNAL STANDARD	0.078	10:36
BLANK TEST	0.000	10:37
EXTERNAL STANDARD	0.079	10:37
BLANK TEST	0.000	10:38
EXTERNAL STANDARD	INTERFERENCE	10:38

Interference Detected

Diagnostic Check

VERSIONS

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

TEMPERATURES

Sample Chamber = 49.1°C	PASSED
Breath Tube = 45.2°C	PASSED

PUMP INFO

Flow Rate = 4.709 L/M PASSED

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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VERIFICATION OF CALIBRATION REPORT

of DataMaster dmt Breath Test Instrument

State of Alaska

Serial #: 100412

Scientific Crime Detection Laboratory - Statewide Breath Alcohol Program

Date: 03/05/2020

External Standard Test Values

EXTERNAL STANDARD INFORMATION

NOMINAL: 0.080
TARGET AT 30.01: 0.080
LOT #: AG826101
EXPIRATION: 09/18/2020
TANK PRESSURE: 526 psi

BLANK TEST	0.000	12:29
INTERNAL STANDARD	VERIFIED	12:29
EXTERNAL STANDARD	0.078	12:29
BLANK TEST	0.000	12:30
EXTERNAL STANDARD	0.078	12:30

Blank Error

Diagnostic Check

VERSIONS

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

TEMPERATURES

Sample Chamber = 48.8°C	PASSED
Breath Tube = 46.9°C	PASSED

PUMP INFO

Flow Rate = 4.702 L/M PASSED

DETECTOR INFO

PUMP ON	PASSED
PUMP OFF	PASSED

FILTER INFO

Filter 1	PASSED
Filter 2	PASSED
Filter 3	PASSED

INTERNAL STANDARD

PASSED

VERIFICATION OF CALIBRATION REPORT

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State of Alaska

Serial #: 100412

Scientific Crime Detection Laboratory - Statewide Breath Alcohol Program

Date: 03/05/2020

External Standard Test Values

EXTERNAL STANDARD INFORMATION

NOMINAL: 0.080
TARGET AT 29.98: 0.080
LOT #: AG826101
EXPIRATION: 09/18/2020
TANK PRESSURE: 519 psi

BLANK TEST	0.000	13:03
INTERNAL STANDARD	VERIFIED	13:03
EXTERNAL STANDARD	0.077	13:03
BLANK TEST	0.000	13:04
EXTERNAL STANDARD	0.079	13:04
BLANK TEST	0.000	13:05
EXTERNAL STANDARD	0.077	13:05
BLANK TEST	0.000	13:06
EXTERNAL STANDARD	INTERFERENCE	13:06

Interference Detected

Diagnostic Check

VERSIONS

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

TEMPERATURES

Sample Chamber = 48.8°C	PASSED
Breath Tube = 45.2°C	PASSED

PUMP INFO

Flow Rate = 4.637 L/M PASSED

DETECTOR INFO

PUMP ON	PASSED
PUMP OFF	PASSED

FILTER INFO

Filter 1	PASSED
Filter 2	PASSED
Filter 3	PASSED

INTERNAL STANDARD PASSED

VERIFICATION OF CALIBRATION REPORT

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State of Alaska

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Date: 03/05/2020

External Standard Test Values

Diagnostic Check

VERSIONS

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

TEMPERATURES

Sample Chamber = 48.7°C PASSED
Breath Tube = 39.6°C PASSED

PUMP INFO

Flow Rate = 4.708 L/M PASSED

DETECTOR INFO

PUMP ON PASSED
PUMP OFF PASSED

FILTER INFO

Filter 1 FAILED
Filter 2 PASSED
Filter 3 PASSED

INTERNAL STANDARD

INTERNAL STANDARD FAILED

Diagnostic Check Failed

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Date: 03/05/2020

External Standard Test Values

EXTERNAL STANDARD INFORMATION

NOMINAL: 0.080
TARGET AT 29.79: 0.080
LOT #: AG826101
EXPIRATION: 09/18/2020
TANK PRESSURE: 497 psi

Ambient Fail

Diagnostic Check

VERSIONS

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

TEMPERATURES

Sample Chamber = 48.9°C PASSED
Breath Tube = 39.4°C PASSED

PUMP INFO

Flow Rate = 4.694 L/M PASSED

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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External Standard Test Values

Diagnostic Check

VERSIONS

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

TEMPERATURES

Sample Chamber = 48.7°C PASSED
Breath Tube = 39.2°C PASSED

PUMP INFO

Flow Rate = 4.673 L/M PASSED

DETECTOR INFO

PUMP ON PASSED
PUMP OFF PASSED

FILTER INFO

Filter 1 PASSED
Filter 2 PASSED
Filter 3 PASSED

INTERNAL STANDARD

FAILED

Diagnostic Check Failed

VERIFICATION OF CALIBRATION REPORT

of DataMaster dmt Breath Test Instrument

State of Alaska

Serial #: 100412

Scientific Crime Detection Laboratory - Statewide Breath Alcohol Program

Date: 03/11/2020

External Standard Test Values

EXTERNAL STANDARD INFORMATION

NOMINAL: 0.080
TARGET AT 30.56: 0.082
LOT #: AG826101
EXPIRATION: 09/18/2020
TANK PRESSURE: 438 psi

BLANK TEST	0.000	10:37
INTERNAL STANDARD	VERIFIED	10:38
EXTERNAL STANDARD	0.081	10:38
BLANK TEST	0.000	10:39
EXTERNAL STANDARD	0.079	10:39
BLANK TEST	0.000	10:40
EXTERNAL STANDARD	0.079	10:40
BLANK TEST	0.000	10:41
EXTERNAL STANDARD	0.080	10:41
BLANK TEST	0.000	10:42
EXTERNAL STANDARD	0.080	10:42
BLANK TEST	0.000	10:43

Average = 0.0798
Std Dev = 0.0008

Diagnostic Check

VERSIONS

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

TEMPERATURES

Sample Chamber = 48.9°C	PASSED
Breath Tube = 46.4°C	PASSED

PUMP INFO

Flow Rate = 4.783 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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Serial #: 100412

Scientific Crime Detection Laboratory - Statewide Breath Alcohol Program

Date: 03/11/2020

External Standard Test Values

EXTERNAL STANDARD INFORMATION

NOMINAL: 0.080
TARGET AT 30.58: 0.082
LOT #: AG826101
EXPIRATION: 09/18/2020
TANK PRESSURE: 420 psi

BLANK TEST	0.000	10:56
INTERNAL STANDARD	VERIFIED	10:56
EXTERNAL STANDARD	0.080	10:57
BLANK TEST	0.000	10:58
EXTERNAL STANDARD	0.080	10:58
BLANK TEST	0.000	10:59
EXTERNAL STANDARD	0.079	10:59
BLANK TEST	0.000	11:00
EXTERNAL STANDARD	0.080	11:00
BLANK TEST	0.000	11:01
EXTERNAL STANDARD	0.080	11:01
BLANK TEST	0.000	11:02

Average = 0.0798
Std Dev = 0.0004

Diagnostic Check

VERSIONS

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

TEMPERATURES

Sample Chamber = 48.6°C	PASSED
Breath Tube = 46.2°C	PASSED

PUMP INFO

Flow Rate = 4.778 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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State of Alaska

Serial #: 100412

Scientific Crime Detection Laboratory - Statewide Breath Alcohol Program

Date: 03/11/2020

External Standard Test Values

EXTERNAL STANDARD INFORMATION

NOMINAL: 0.080
TARGET AT 30.60: 0.082
LOT #: AG826101
EXPIRATION: 09/18/2020
TANK PRESSURE: 401 psi

BLANK TEST	0.000	15:59
INTERNAL STANDARD	VERIFIED	15:59
EXTERNAL STANDARD	0.080	15:59
BLANK TEST	0.000	16:00
EXTERNAL STANDARD	0.080	16:01
BLANK TEST	0.000	16:01
EXTERNAL STANDARD	0.081	16:02
BLANK TEST	0.000	16:03
EXTERNAL STANDARD	0.079	16:03
BLANK TEST	0.000	16:04
EXTERNAL STANDARD	0.080	16:04
BLANK TEST	0.000	16:05

Average = 0.0800
Std Dev = 0.0007

Diagnostic Check

VERSIONS

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

TEMPERATURES

Sample Chamber = 48.9°C PASSED
Breath Tube = 46.8°C PASSED

PUMP INFO

Flow Rate = 4.783 L/M PASSED

DETECTOR INFO

PUMP ON PASSED
PUMP OFF PASSED

FILTER INFO

Filter 1 PASSED
Filter 2 PASSED
Filter 3 PASSED

INTERNAL STANDARD PASSED

VERIFICATION OF CALIBRATION REPORT

of DataMaster dmt Breath Test Instrument

State of Alaska

Serial #: 100412

Scientific Crime Detection Laboratory - Statewide Breath Alcohol Program

Date: 03/12/2020

External Standard Test Values

EXTERNAL STANDARD INFORMATION

NOMINAL: 0.080
TARGET AT 30.59: 0.082
LOT #: AG826101
EXPIRATION: 09/18/2020
TANK PRESSURE: 383 psi

BLANK TEST	0.000	08:53
INTERNAL STANDARD	VERIFIED	08:54
EXTERNAL STANDARD	0.079	08:54
BLANK TEST	0.000	08:55
EXTERNAL STANDARD	0.079	08:55
BLANK TEST	0.000	08:56
EXTERNAL STANDARD	0.080	08:56
BLANK TEST	0.000	08:57
EXTERNAL STANDARD	0.079	08:57
BLANK TEST	0.000	08:58
EXTERNAL STANDARD	0.079	08:58
BLANK TEST	0.000	08:59

Average = 0.0792
Std Dev = 0.0004

Diagnostic Check

VERSIONS

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

TEMPERATURES

Sample Chamber = 48.8°C PASSED
Breath Tube = 46.8°C PASSED

PUMP INFO

Flow Rate = 4.723 L/M PASSED

DETECTOR INFO

PUMP ON PASSED
PUMP OFF PASSED

FILTER INFO

Filter 1 PASSED
Filter 2 PASSED
Filter 3 PASSED

INTERNAL STANDARD PASSED