

Alaska Scientific Crime Detection Laboratory

Change in Instrument Status Form

Issued: 6/11/2014
Effective: 6/11/2014

Version: CIISF 2014 R0
Status: Active

Date: 4/24/15 Instrument Serial Number: 100397

Instrument Location: APD Jail

Supervisor Name and Agency: Charles Foster SCDL

Describe the Status Change or Issue with the Instrument:

Replacement for 100381. Moved table DMT was sitting on to different location within same room. Performed tank change and 9 0.100 3/2015 wet bath simulated readings and reviewed filter values. Determined that values were acceptable and put instrument in service. Reports from testing are included with this form. - CTF 4/24/15

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

In Service Date/Time: 4/24/15 0844

Out of Service Date/Time: _____

For Use by SCDL

Additional Notes

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

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

VERIFICATION OF CALIBRATION REPORT

of DataMaster dmt Breath Test Instrument

State of Alaska

Serial #: 100397

Scientific Crime Detection Laboratory - Statewide Breath Alcohol Program

Date: 04/24/2015

External Standard Test Values

EXTERNAL STANDARD INFORMATION

NOMINAL: 0.080
TARGET AT 29.70: 0.079
LOT #: 11313080A1
EXPIRATION: 06/01/2015
TANK PRESSURE: 691 psi

BLANK TEST	0.000	07:55
INTERNAL STANDARD	VERIFIED	07:56
Xq = 0.093 (0.75%)		
EXTERNAL STANDARD	0.080	07:56
X[1] = 0.0797 (-0.0024) (-0.0003)		
BLANK TEST	0.000	07:57
EXTERNAL STANDARD	0.079	07:57
X[1] = 0.0792 (-0.0028) (-0.0007)		
BLANK TEST	0.000	07:58
EXTERNAL STANDARD	0.080	07:58
X[1] = 0.0797 (-0.0016) (-0.0003)		
BLANK TEST	0.000	07:59
EXTERNAL STANDARD	0.079	07:59
X[1] = 0.0792 (-0.0036) (-0.0005)		
BLANK TEST	0.000	08:00
EXTERNAL STANDARD	0.080	08:00
X[1] = 0.0797 (-0.0019) (-0.0002)		
BLANK TEST	0.000	08:01

Average = 0.0796
Std Dev = 0.0005

Diagnostic Check

VERSIONS

DMT: 3.00
PIC: 3.02
Modem: 2.6
Questions: 2.2

TEMPERATURES

Sample Chamber = 48.8°C (44.0°C - 52.0°C)	PASSED
Breath Tube = 43.0°C (38.0°C - 50.0°C)	PASSED

SETTINGS

Lamp Voltage = 1.71 V (1.03 V - 2.41 V)	PASSED
Cooler Voltage = 1.64 V (1.04 V - 2.44 V)	PASSED
Bias Voltage = 81 V (49 V - 113 V)	PASSED
Chopper Freq = 525 Hz (475 Hz - 575 Hz)	PASSED
Barometer = 29.7 in	

PUMP INFO

Flow Rate = 4.027 L/M
(3.500 L/M - 6.500 L/M) PASSED

DETECTOR INFO

PUMP ON (0.002 V <= 0.010 V)	PASSED
PUMP OFF (0.002 V <= 0.010 V)	PASSED

FILTER INFO

Filter 1	PASSED
Filter 2	PASSED
Filter 3	PASSED

INTERNAL STANDARD

Xq = 0.092 1.12% (0.00% - 4.00%) PASSED

I, Nita J. Bolz, after being first duly sworn, depose and state as follows:

- (1) I am a Forensic Scientist IV at the State of Alaska Scientific Crime Detection Laboratory.
- (2) The Alaska Scientific Crime Detection Laboratory is an entity within the Department of Public Safety.
- (3) I am the Scientific Director of the State Breath Alcohol Program.
- (4) In that capacity, I am responsible for overseeing the Breath Alcohol Program, which includes assuring that instruments are calibrated and maintaining program records.
- (5) The above is a true and accurate verification of calibration, which is performed by the instrument's software, as specified by the State Breath Alcohol Program. Verification of calibration is a regularly conducted and regularly recorded activity of the State Breath Alcohol Program.
- (6) The referenced instrument is certified for evidentiary use in the State of Alaska.

Nita J. Bolz
Scientific Director
State Breath Alcohol Program

Subscribed and sworn before me this _____ day of _____, 20 _____

SUBJECT TEST

Alaska Department of Public Safety
DATAMASTER dmt: 100397

Date: 04/24/2015
Time: 08:04:36

SUBJECT NAME:
TEST TEST
LICENSE #: XXXX

OPERATOR NAME:
NEGATIVE INTERFERENCE
OPERATOR'S #: XXXX

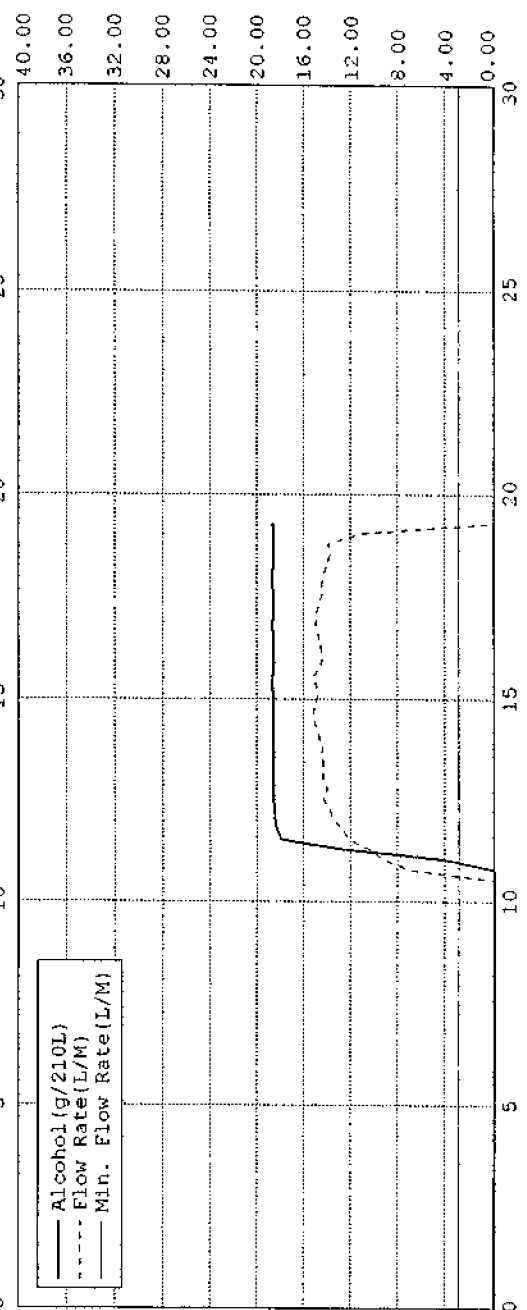
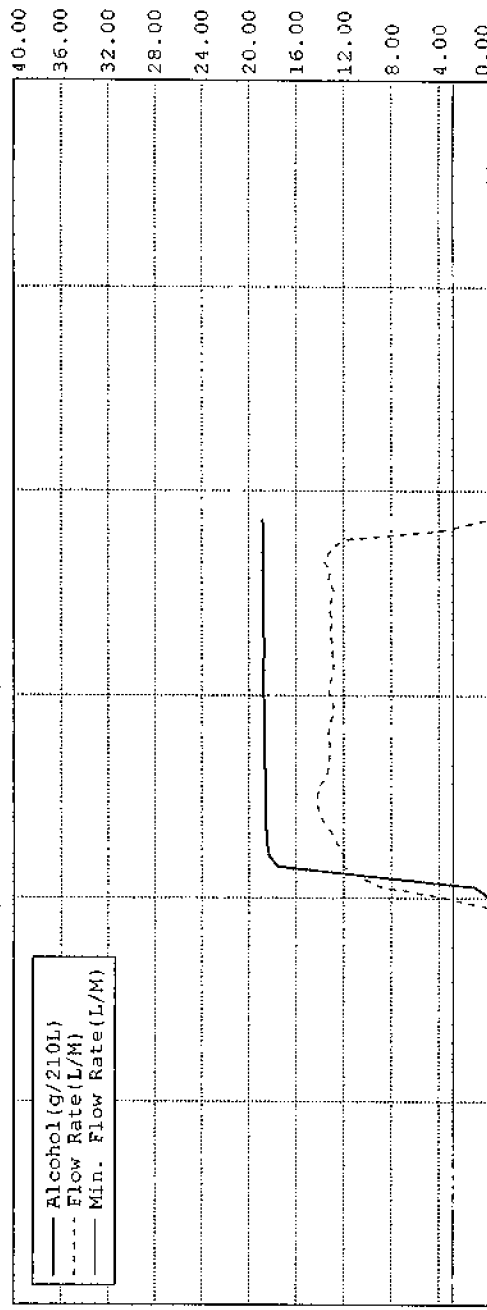
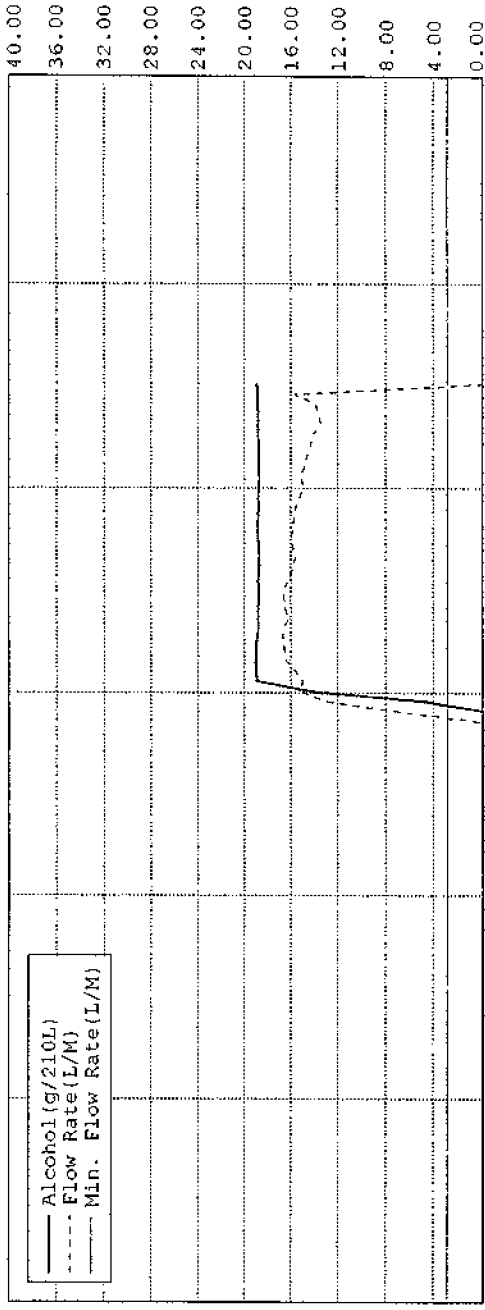
DEPT/AGENCY:
XXXX

CASE/REPORT: XXXX
TEST TYPE: TEST

EXTERNAL STANDARD INFORMATION

NOMINAL: 0.080
TARGET AT 29.70: 0.079
LOT #: 11313080A1
EXPIRATION: 06/01/2015

DIAGNOSTIC CHECK	PASSED	08:05
BLANK TEST	0.000	08:05
INTERNAL STANDARD	VERIFIED	08:05
Xq = 0.092 (0.94%)		
EXTERNAL STANDARD	0.080	08:06
X[1] = 0.0797 (-0.0024) (-0.0007)		
BLANK TEST	0.000	08:07
SUBJECT SAMPLE (Vol=2.03L)	0.096	08:07
X[1] = 0.0961 (0.0005) (-0.0013)		
BLANK TEST	0.000	08:08
SUBJECT SAMPLE (Vol=1.93L)	0.095	08:08
X[1] = 0.0959 (0.0005) (-0.0020)		
BLANK TEST	0.000	08:09
SUBJECT SAMPLE (Vol=1.97L)	0.094	08:10
X[1] = 0.0948 (0.0003) (-0.0011)		
BLANK TEST	0.000	08:11
EXTERNAL STANDARD	0.079	08:11
X[1] = 0.0793 (-0.0022) (0.0000)		
BLANK TEST	0.000	08:12



SUBJECT TEST

Alaska Department of Public Safety
DATAMASTER dmt: 100397

Date: 04/24/2015
Time: 08:13:14

SUBJECT NAME:
TEST TEST
LICENSE #: XXXX

OPERATOR NAME:
NEGATIVE INTERFERENCE
OPERATOR'S #: XXXX

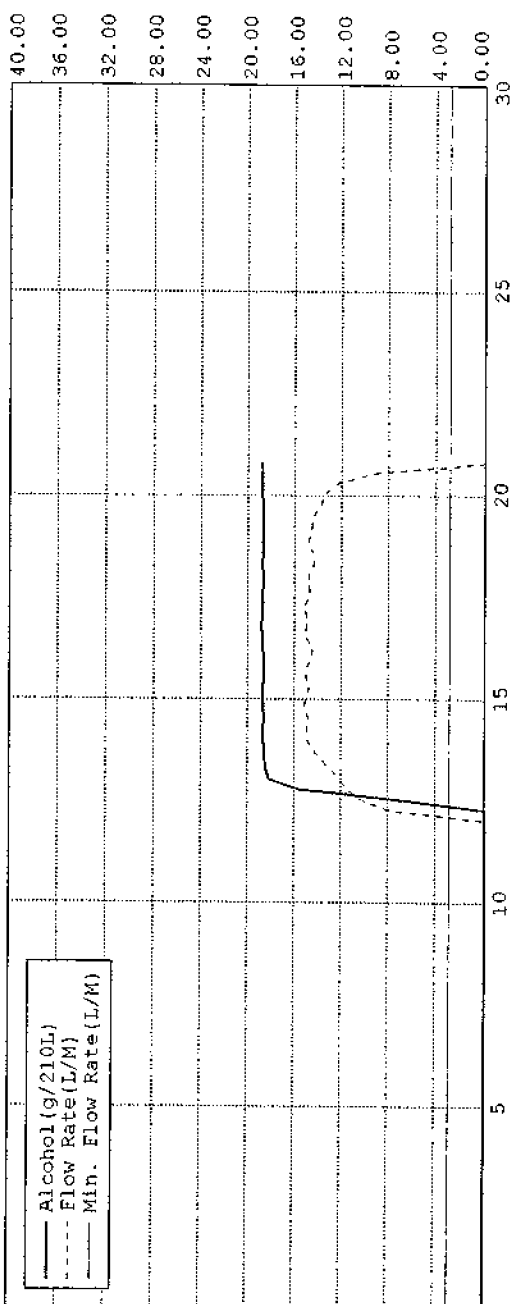
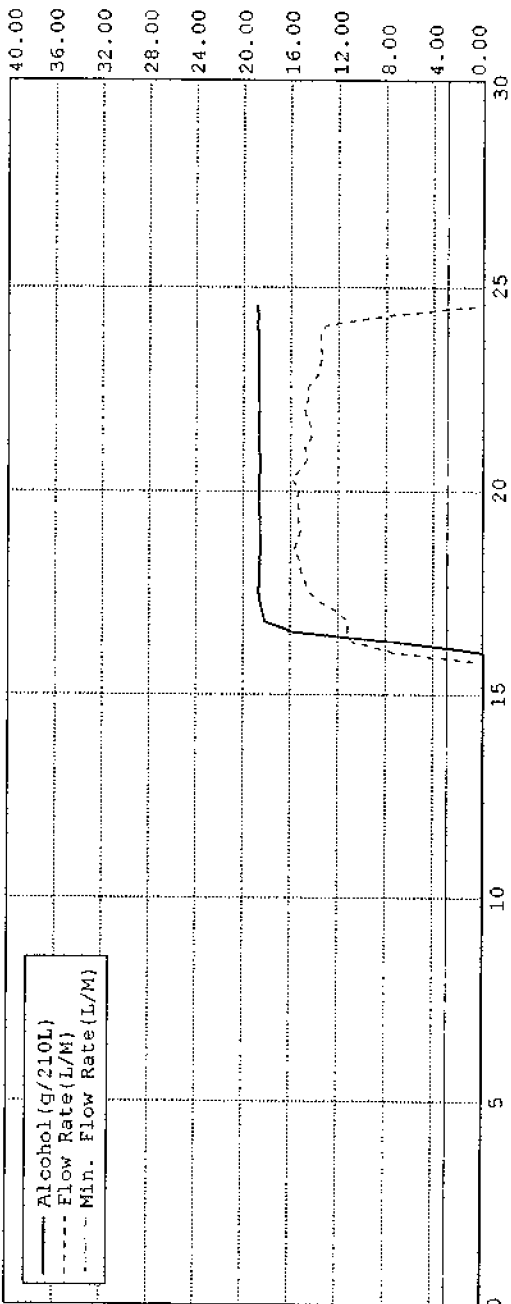
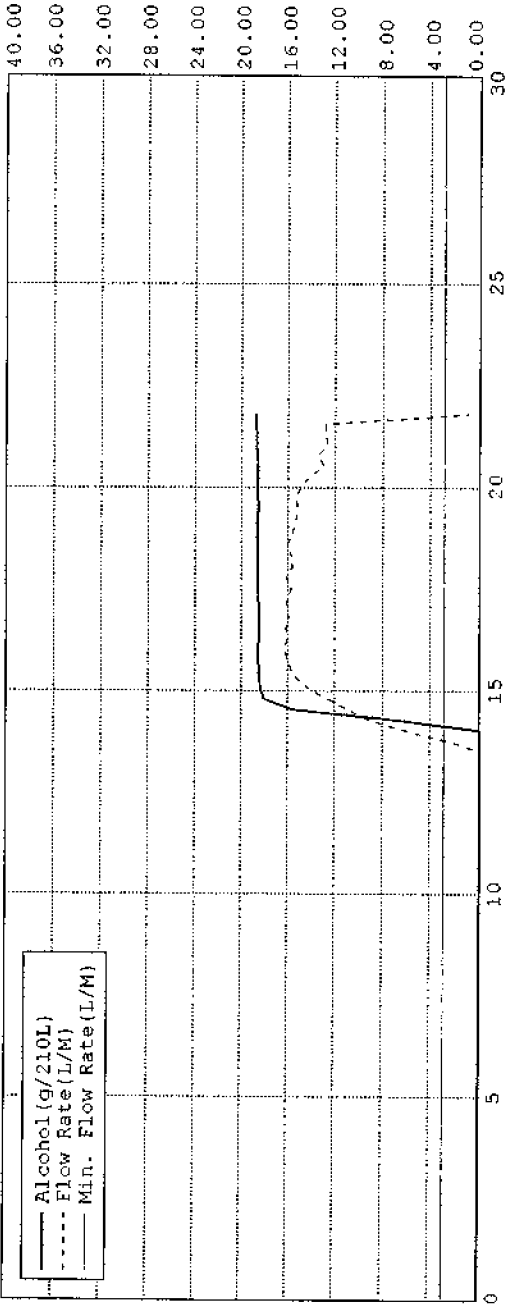
DEPT/AGENCY:
XXXX

CASE/REPORT: XXXX
TEST TYPE: TEST

EXTERNAL STANDARD INFORMATION

NOMINAL: 0.080
TARGET AT 29.69: 0.079
LOT #: 11313080A1
EXPIRATION: 06/01/2015

DIAGNOSTIC CHECK	PASSED	08:14
BLANK TEST	0.000	08:14
INTERNAL STANDARD	VERIFIED	08:14
$Xq = 0.092$ (0.84%)		
EXTERNAL STANDARD	0.079	08:14
$X[1] = 0.0795$ (-0.0036)	(-0.0004)	
BLANK TEST	0.000	08:15
SUBJECT SAMPLE (Vol=1.87L)	0.095	08:16
$X[1] = 0.0956$ (-0.0006)	(-0.0007)	
BLANK TEST	0.000	08:17
SUBJECT SAMPLE (Vol=1.97L)	0.095	08:17
$X[1] = 0.0955$ (-0.0001)	(-0.0016)	
BLANK TEST	0.000	08:18
SUBJECT SAMPLE (Vol=1.98L)	0.095	08:18
$X[1] = 0.0954$ (0.0003)	(-0.0007)	
BLANK TEST	0.000	08:19
EXTERNAL STANDARD	0.079	08:20
$X[1] = 0.0792$ (-0.0027)	(0.0002)	
BLANK TEST	0.000	08:21



SUBJECT TEST

Alaska Department of Public Safety
DATAMASTER dmt: 100397

Date: 04/24/2015
Time: 08:22:13

SUBJECT NAME:
TEST TEST
LICENSE #: XXXX

OPERATOR NAME:
NEGATIVE INTERFERENCE
OPERATOR'S #: XXXX

DEPT/AGENCY:
XXXX

CASE/REPORT: XXXX
TEST TYPE: TEST

EXTERNAL STANDARD INFORMATION

NOMINAL: 0.080
TARGET AT 29.59: 0.079
LOT #: 11313080A1
EXPIRATION: 06/01/2015

DIAGNOSTIC CHECK	PASSED	08:23
INTERNAL STANDARD	0.000	08:23
INTERNAL STANDARD	VERIFIED	08:23
$X_q = 0.093$ (0.38%)		
EXTERNAL STANDARD	0.080	08:23
$X[1] = 0.0799$ (-0.0026)	(0.0011)	
BLANK TEST	0.000	08:24
SUBJECT SAMPLE (Vol=1.90L)	0.095	08:25
$X[1] = 0.0957$ (-0.0001)	(-0.0011)	
BLANK TEST	0.000	08:26
SUBJECT SAMPLE (Vol=1.93L)	0.094	08:26
$X[1] = 0.0947$ (0.0005)	(-0.0014)	
BLANK TEST	0.000	08:27
SUBJECT SAMPLE (Vol=1.90L)	0.095	08:27
$X[1] = 0.0951$ (0.0005)	(-0.0004)	
BLANK TEST	0.000	08:28
EXTERNAL STANDARD	0.080	08:28
$X[1] = 0.0795$ (-0.0015)	(0.0012)	
BLANK TEST	0.000	08:29

