

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: 4/6/15, 4/8/15 Instrument Serial Number: 100381

Instrument Location: ARD Jail

Supervisor Name and Agency: Colleen O'Bryant / SCDF

Describe the Status Change or Issue with the Instrument:

- Troubleshooting environmental issues with instrument location.
- 4/6/15 - 0.100 simulator tested (ex on subject tests through the breath base.
- 4/8/15 - instrument calibrated using 0.100 simulator, (SI wet bath and nitrogen pushed during purges
- 4/8/15 - 0.100 simulator tested (ex on subject tests through the breath base with nitrogen during the purges
- 4/8/15 - 0.100 simulator tested (ex on subject tests through the breath base with ambient air as purge

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

In Service Date/Time: _____

Out of Service Date/Time: 3/24/15

For Use by SCDL

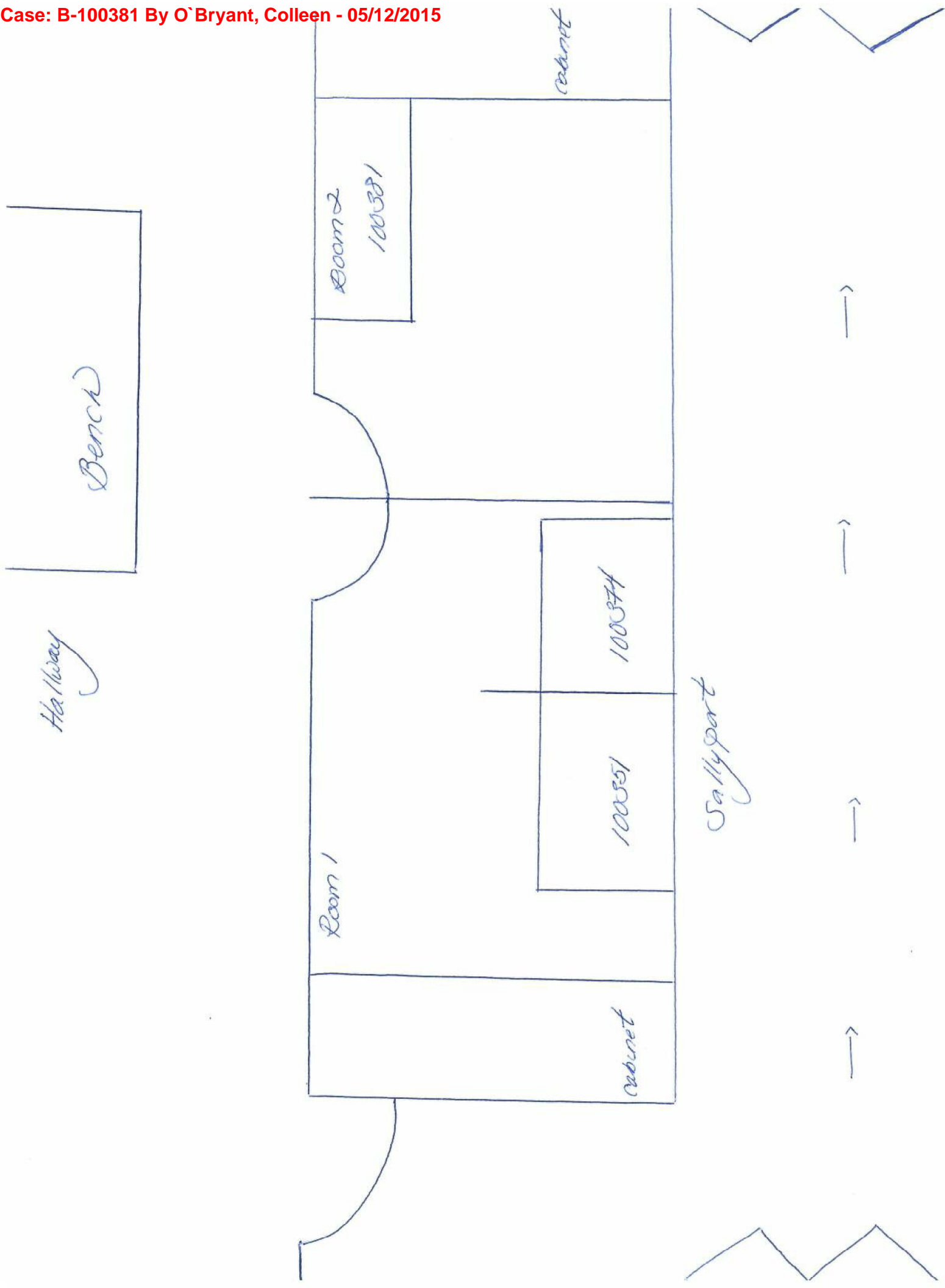
Additional Notes

Instrument was removed from service due to evidence⁹⁸ information obtained during troubleshooting that indicated the environment may be a contributing factor in the higher than expected number of interference status messages on subject tests.

Instrument was taken out of service on 3/24/15 but remained at ARD for testing of instrument and environ⁹⁸ environment. Physically removed from service on 4/24/15 by CRF. 005/16/15

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

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



Single Room CAPD



SUBJECT TEST

 Alaska Department of Public Safety
 DATAMASTER dmt: 100381

 Date: 04/06/2015
 Time: 10:40:25

SUBJECT NAME:
TEST TEST
LICENSE #: 0.100 SIM

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

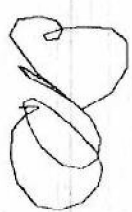
DEPT/AGENCY:
 AAA1

CASE/REPORT: 15-1234
TEST TYPE: TEST

EXTERNAL STANDARD INFORMATION
 NOMINAL: 0.080
 TARGET AT 29.42: 0.079
 LOT #: 11313080A1
 EXPIRATION: 06/01/2015

DIAGNOSTIC CHECK	PASSED	10:41
BLANK TEST	0.000	10:42
INTERNAL STANDARD	VERIFIED	10:42
Xq = 0.091 (0.68%)		
EXTERNAL STANDARD	0.077	10:42
X[1] = 0.0773 (-0.0029)	(-0.0003)	
BLANK TEST	0.000	10:43
SUBJECT SAMPLE (Vol=1.95L)	0.087	10:44
X[1] = 0.0877 (-0.0020)	(-0.0020)	
BLANK TEST	0.000	10:45
SUBJECT SAMPLE (Vol=1.83L)	0.090	10:45
X[1] = 0.0903 (-0.0019)	(-0.0025)	
BLANK TEST	0.000	10:46
SUBJECT SAMPLE (Vol=1.85L)	0.089	10:47
X[1] = 0.0894 (-0.0025)	(-0.0021)	
BLANK TEST	0.000	10:48
EXTERNAL STANDARD	0.077	10:48
X[1] = 0.0773 (-0.0022)	(0.0003)	
BLANK TEST	0.000	10:49

Both 0.100 dot 14110 EPD 5/1/16
Simulator you Described cal. 9/9/14



SUBJECT TEST

Alaska Department of Public Safety
DATAMASTER dmt: 100381

Date: 04/06/2015
Time: 10:53:55

SUBJECT NAME:
TEST TEST
LICENSE #: 0.100 SIM

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

DEPT/AGENCY:
AAA1

CASE/REPORT: 15-1234
TEST TYPE: TEST

EXTERNAL STANDARD INFORMATION
NOMINAL: 0.080
TARGET AT 29.42: 0.079
LOT #: 11313080A1
EXPIRATION: 06/01/2015

DIAGNOSTIC CHECK	PASSED	10:54
BLANK TEST	0.000	10:55
INTERNAL STANDARD	VERIFIED	10:55
Xg = 0.092 (1.45%)		
EXTERNAL STANDARD	0.078	10:55
X[1] = 0.0779 (-0.0018)	(0.0009)	
BLANK TEST	0.000	10:56
SUBJECT SAMPLE (Vol=1.98L)	0.089	10:56
X[1] = 0.0893 (-0.0026)	(-0.0018)	
BLANK TEST	0.000	10:57
SUBJECT SAMPLE (Vol=1.88L)	0.090	10:58
X[1] = 0.0908 (-0.0015)	(-0.0016)	
BLANK TEST	0.000	10:59
SUBJECT SAMPLE (Vol=1.91L)	0.091	11:00
X[1] = 0.0912 (-0.0021)	(-0.0022)	
BLANK TEST	0.000	11:01
EXTERNAL STANDARD	0.077	11:01
X[1] = 0.0773 (-0.0018)	(0.0007)	
BLANK TEST	0.000	11:02

*With 0.100 lot 14110 Exp 5/1/16
Simulator SW Dec 16/ cal. 4/9/14*



SUBJECT TEST

Alaska Department of Public Safety
 DATAMASTER dmt: 100381

Date: 04/06/2015
 Time: 11:04:43

SUBJECT NAME:
 TEST TEST
 LICENSE #: 0.100 SIM

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

DEPT/AGENCY:
 AAAA

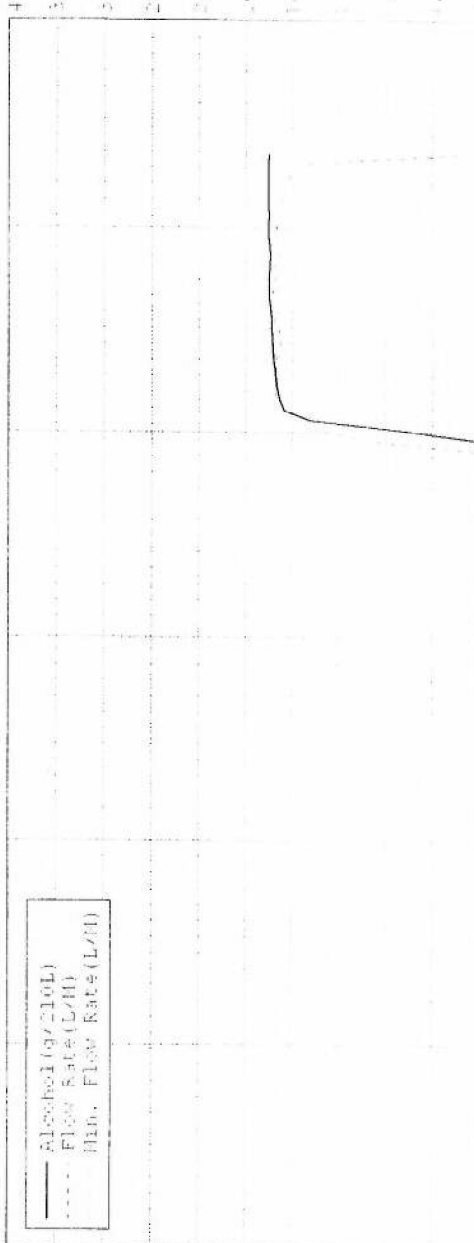
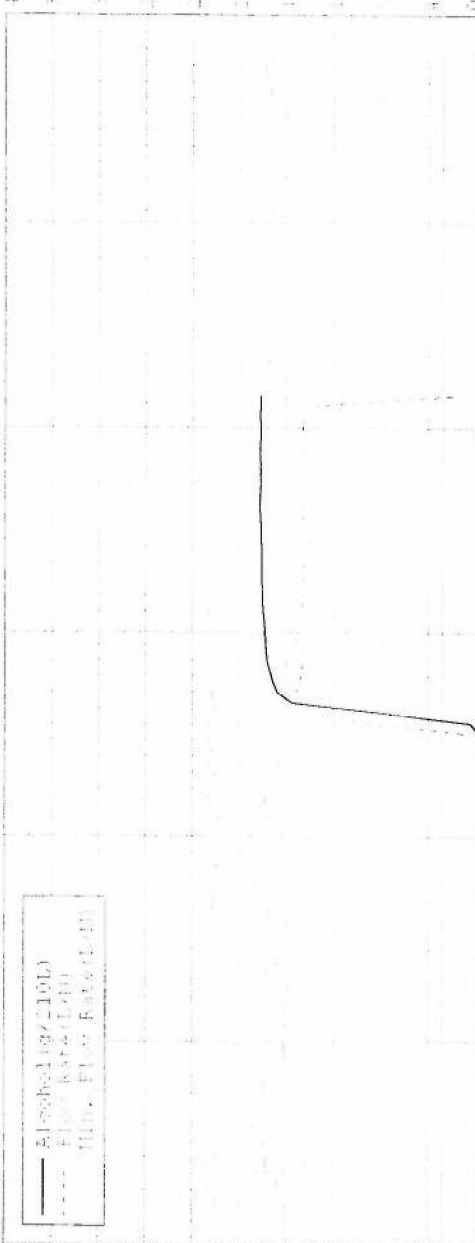
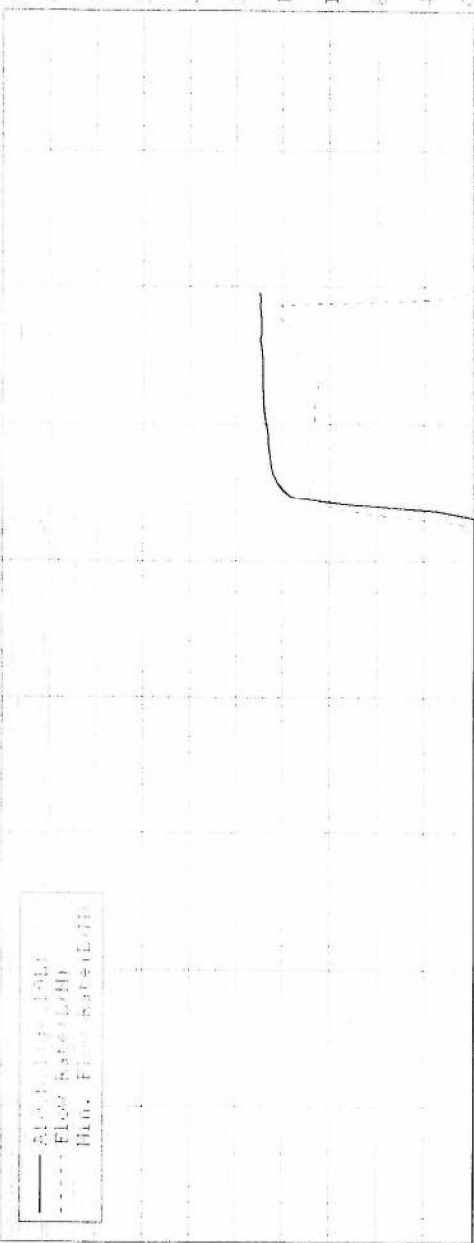
CASE/REPORT: 15-1234
 TEST TYPE: TEST

EXTERNAL STANDARD INFORMATION

NOMINAL: 0.080
 TARGET AT 29.42: 0.079
 LOT #: 11313080A1
 EXPIRATION: 06/01/2015

DIAGNOSTIC CHECK	PASSED	TIME
BLANK TEST	0.000	11:05
INTERNAL STANDARD	VERIFIED	11:06
Xg = 0.091 (0.48%)		
EXTERNAL STANDARD	0.078	11:06
X[1] = 0.0778 (-0.0017)	(0.0018)	
BLANK TEST	0.000	11:07
SUBJECT SAMPLE (Vol=1.85L)	0.090	11:08
X[1] = 0.0906 (-0.0020)	(-0.0021)	
BLANK TEST	0.000	11:09
SUBJECT SAMPLE (Vol=1.93L)	0.091	11:09
X[1] = 0.0919 (-0.0018)	(-0.0016)	
BLANK TEST	0.000	11:10
SUBJECT SAMPLE (Vol=1.95L)	0.090	11:11
X[1] = 0.0909 (-0.0024)	(-0.0020)	
BLANK TEST	0.000	11:12
EXTERNAL STANDARD	0.078	11:12
X[1] = 0.0782 (-0.0017)	(0.0004)	
BLANK TEST	0.000	11:13

*Both 0.100-207/4110 Exp 5/1/16
 Simulator SW 204161 calcd 4/9/14*



CALIBRATION FACTORS

Alaska Department of Public Safety
DATAMASTER dml: 100381

Date: 04/08/2015
Time: 08:15:35

OPERATOR NAME:
COLLEEN B O'BRYANT
CERTIFICATE #: 6237

Ca	0.1000		
Cal	0.974967	0.800	<= Cal < 1.200
b1	0.0004	0.0000	<= b1 < 0.0040
b2	0.0029	0.0010	<= b2 < 0.0100
b3	0.0002	0.0000	<= b3 < 0.0040
Xq	0.0917	0.0500	<= Xq < 0.2000
a1	1.109564	1.050	<= a21 < 1.300
a2	0.433505	0.300	<= a31 < 0.800

*Calibrated with nitrogen into the breath hose
during all purge cycles. cas 4/8/15*

SUBJECT TEST

Alaska Department of Public Safety
DATAMASTER gmt: 100381

Date: 04/08/2015
Time: 08:37:17

SUBJECT NAME:
TEST TEST
LICENSE #: 0.100 SIM/N2

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

DEPT/AGENCY:
AAA1

CASE/REPORT: 15-1734
TEST TYPE: TEST

EXTERNAL STANDARD INFORMATION

NOMINAL: 0.080
TARGET AT 29.38: 0.079
LOT #: 11313080A1
EXPIRATION: 06/01/2015

DIAGNOSTIC CHECK	PASSED	08:38
BLANK TEST	0.000	08:38
INTERNAL STANDARD	VERIFIED	08:38
X[1] = 0.092 (0.10)		
EXTERNAL STANDARD	0.079	08:38
X[1] = 0.0787 (0.0809) (0.0025)		
BLANK TEST	0.000	08:39
SUBJECT SAMPLE (Vol=1.91L)	0.094	08:40
X[1] = 0.0940 (-0.0001) (0.0000)		
BLANK TEST	0.000	08:41
SUBJECT SAMPLE (Vol=1.91L)	0.092	08:41
X[1] = 0.0926 (0.0003) (0.0005)		
BLANK TEST	0.000	08:42
SUBJECT SAMPLE (Vol=1.93L)	0.094	08:43
X[1] = 0.0945 (0.0002) (0.0005)		
BLANK TEST	0.000	08:44
EXTERNAL STANDARD	0.079	08:44
X[1] = 0.0787 (0.0013) (0.0027)		
BLANK TEST	0.000	08:45

Nitrogen into breath hose during the purge cycle.

COB

SUBJECT TEST

Alaska Department of Public Safety
DATAMASTER dmt: 100381

Date: 04/08/2015
Time: 08:48:48

SUBJECT NAME:
TEST TEST
LICENSE #: 0.100 SIM/O2

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

DEPT/AGENCY:
AAA1
CASE/REPORT: 15-1734
TEST TYPE: TEST

EXTERNAL STANDARD INFORMATION
NOMINAL: 0.080
TARGET AF 29.38: 0.079
LOT #: 11313080A1
EXPIRATION: 06/01/2015

DIAGNOSTIC CHECK	PASSED	08:49
BLANK TEST	0.003	08:49
INTERNAL STANDARD	VERIFIED	08:50
Xg = 0.090 (0.100)		
EXTERNAL STANDARD	0.079	08:50
X[1] = 0.0791 (0.0008) (0.0028)		
BLANK TEST	0.000	08:51
SUBJECT SAMPLE (Vol=1.85L) 0.094		
X[1] = 0.0932 (0.0002) (0.0009)		
BLANK TEST	0.000	08:52
SUBJECT SAMPLE (Vol=1.81L) 0.094		
X[1] = 0.0942 (0.0006) (0.0005)		
BLANK TEST	0.000	08:54
SUBJECT SAMPLE (Vol=1.89L) 0.094		
X[1] = 0.0940 (0.0007) (0.0012)		
BLANK TEST	0.000	08:55
EXTERNAL STANDARD		
X[1] = 0.0783 (0.0006) (0.0020)		
BLANK TEST	0.000	08:56

Ambient air used for purge.

COB

04/08/2015
08:48:48
100381

SUBJECT TEST

Alaska Department of Public Safety
DATAMASTER dms: 100381

Date: 04/08/2015
Time: 08:58:46

SUBJECT NAME:
TEST TEST
LICENSE #: 0.100 SIM/O2

OPERATOR NAME:
COLLEEN S OBRYANT
OPERATOR'S #: 6237

DEPT/AGENCY:
AAA
CASE/REPORT: 15-1234
TEST TYPE: TEST

EXTERNAL STANDARD INFORMATION
NOMINAL: 0.080
TARGET AT 29.38: 0.079
LOT #: 11313080A1
EXPIRATION: 06/01/2015

DIAGNOSTIC CHECK	PASSED	09:00
BLANK TEST	0.000	09:00
INTERNAL STANDARD	VERIFIED	09:00
Xg = 0.092 (9.29)		
EXTERNAL STANDARD	0.079	09:00
X[1] = 0.0789 (0.0056) (0.0024)		
BLANK TEST	0.000	09:01
SUBJECT SAMPLE (Vol=1.72L)	0.094	09:02
X[1] = 0.0942 (-0.0003) (0.0011)		
BLANK TEST	0.000	09:03
SUBJECT SAMPLE (Vol=1.89L)	0.092	09:03
X[1] = 0.0920 (0.0003) (0.0015)		
BLANK TEST	0.000	09:04
SUBJECT SAMPLE (Vol=1.82L)	0.094	09:05
X[1] = 0.0948 (0.0006) (0.0012)		
BLANK TEST	0.000	09:06
EXTERNAL STANDARD	0.078	09:06
X[1] = 0.0778 (0.0005) (0.0017)		
BLANK TEST	0.000	09:07

Ambient air used for purge.

[Signature]

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DATAMASTER dms: 100381

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DATAMASTER dms: 100381

SUBJECT TEST

Alaska Department of Public Safety
DATAMASTER dmt: 100381

Date: 04/08/2015
Time: 09:11:27

SUBJECT NAME:
TEST TEST
LICENSE #: 0.100SIM/02

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

DEPT/AGENCY:
AAA1

CASE/REPORT: 15-1234
TEST TYPE: TEST

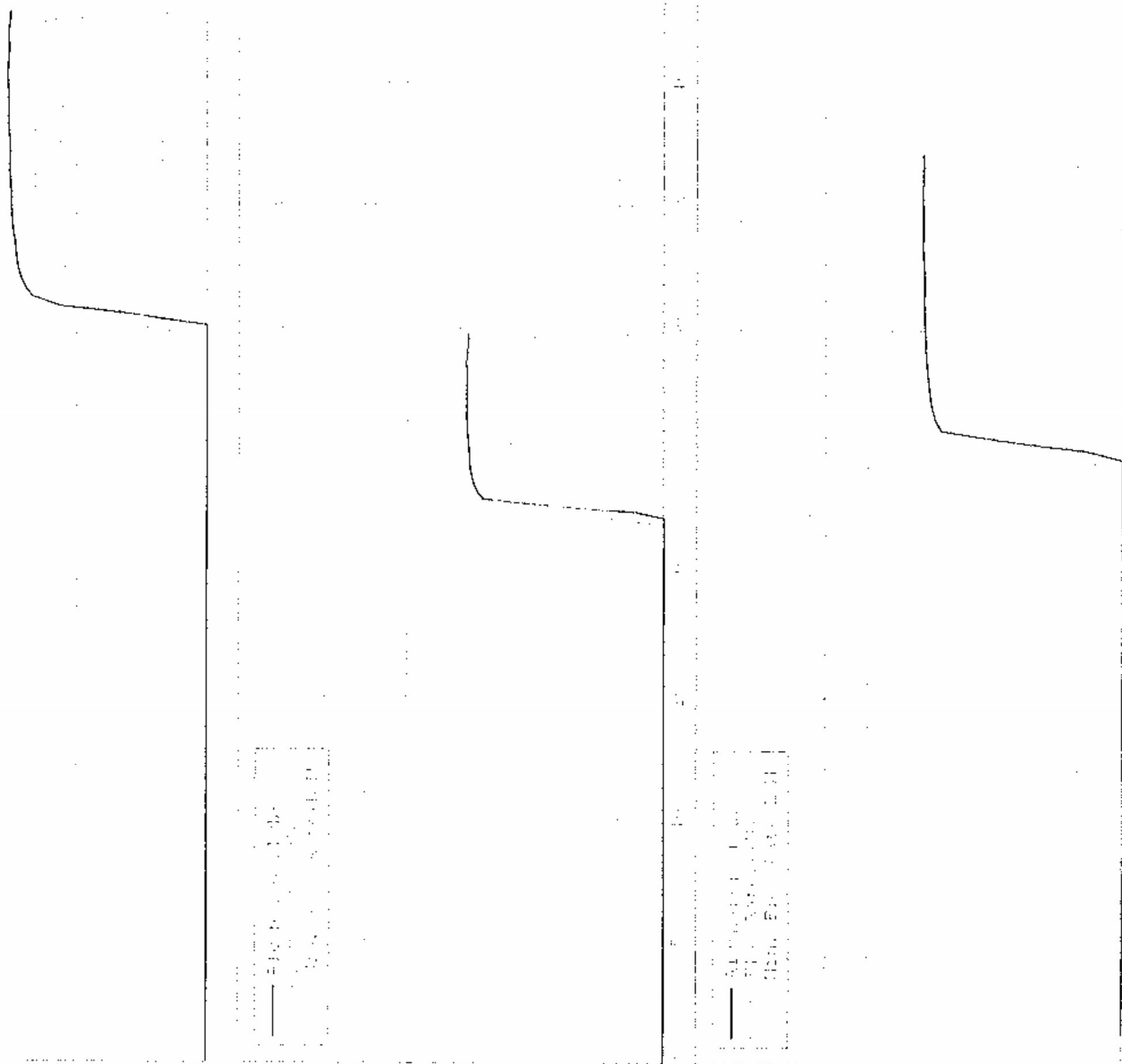
EXTERNAL STANDARD INFORMATION

NOMINAL: 0.080
TARGET AF 29.38: 0.079
LOT #: 11313080A1
EXPIRATION: 06/01/2015

TEST TYPE	RESULT	TIME
DIAGNOSTIC CHECK	PASSED	09:12
BLANK TEST	0.000	09:12
INTERNAL STANDARD	VERIFIED	09:12
Xg = 0.092 (0.10)		
EXTERNAL STANDARD	0.079	09:12
X[1] = 0.0786 (0.0907) (0.0930)		
BLANK TEST	0.000	09:13
SUBJECT SAMPLE (Vol=1.93L)	0.092	09:14
X[1] = 0.0922 (0.0008) (0.0011)		
BLANK TEST	0.000	09:15
SUBJECT SAMPLE (Vol=1.89L)	0.091	09:15
X[1] = 0.0913 (0.0005) (0.0011)		
BLANK TEST	0.000	09:16
SUBJECT SAMPLE (Vol=1.86L)	0.093	09:17
X[1] = 0.0934 (0.0009) (0.0016)		
BLANK TEST	0.000	09:18
EXTERNAL STANDARD	0.079	09:18
X[1] = 0.0792 (0.0010) (0.0022)		
BLANK TEST	0.000	09:19

Ambient air used during purge.

COB



SUBJECT TEST

Alaska Department of Public Safety
DATAMASTER dmt: 100381

Date: 04/08/2015
Time: 09:24:31

SUBJECT NAME:
TEST TEST
LICENSE #: 0.100SIM/02

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

DEPT/AGENCY:
AAA1

CASE/REPORT: 15-1234
TEST TYPE: TEST

EXTERNAL STANDARD INFORMATION

NOMINAL: 0.080
TARGET AT 29.38: 0.079
LOT #: 11313080A1
EXPIRATION: 06/01/2015

DIAGNOSTIC CHECK	PASSED	09:25
BLANK TEST	0.000	09:25
INTERNAL STANDARD	VERIFIED	09:26
Xq = 0.092 (0.10%)		
EXTERNAL STANDARD	0.079	09:26
X[2] = 0.0788 (0.0905)	(0.0030)	
BLANK TEST	0.000	09:27
SUBJECT SAMPLE (Vol=1.81L)	0.093	09:27
X[1] = 0.0933 (0.0005)	(0.0013)	
BLANK TEST	0.000	09:28
SUBJECT SAMPLE (Vol=1.78L)	0.090	09:29
X[1] = 0.0905 (0.0008)	(0.0015)	
BLANK TEST	0.000	09:30
SUBJECT SAMPLE (Vol=1.91L)	0.090	09:30
X[1] = 0.0905 (0.0015)	(0.0018)	
BLANK TEST	0.000	09:31
EXTERNAL STANDARD	0.078	09:31
X[1] = 0.0784 (0.0003)	(0.0027)	
BLANK TEST	0.000	09:32

*2 minute purge prior to testing.
Ambient air used during purge.*

Alaska Department of Public Safety
DATAMASTER dmt: 100381