



MISSOURI DEPARTMENT OF HEALTH AND SENIOR SERVICES
 STATE PUBLIC HEALTH LABORATORY
ALCO-SENSOR IV WITH PRINTER MAINTENANCE REPORT

REPORT #7

RECEIVED
 By Carol Day at 3:11 pm, Dec 18, 2014

Complete this report in duplicate at the time of the regular monthly preventative maintenance check, and Send copy to Department of Health and Senior Services; retain original in department file.

ALCO SENSOR IV SN 102458	PRINTER SN 093.3578.252	DATE OF INSPECTION 12/10/2014
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LOCATION OF INSTRUMENT (STREET AND CITY) 600 E. WALNUT COLUMBIA	TIME OF INSPECTION 6:19 pm
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CHECKLIST: Place a mark in the box by each item if found to be satisfactory or if operating within established limits. (Write in observed values where determined.) Unmarked items must be corrected before using instrument.

DIGITAL READOUT (ALL ELEMENTS OPERATIONAL)

TEMPERATURE OF ALCO SENSOR (10°C - 40°C)

PRINTER WORKING PROPERLY

TIME AND DATE DISPLAYING PROPERLY

BREATH ALCOHOL ACCURACY STANDARDS

SIMULATOR SOLUTION COMPRESSED ETHANOL-GAS MIXTURE

STANDARD SUPPLIER INTOXIMETERS LOT # AG414902 EXP. DATE 05/29/2016

SIMULATOR TEMPERATURE (34°C ± 0.2°C) _____ SIMULATOR SN _____ SIMULATOR EXP DATE _____

CALIBRATION CHECK – (ONLY ONE STANDARD IS TO BE USED PER MAINTENANCE REPORT)

Run three tests using a standard solution. All three tests must be within ±5% of the standard value and must have a spread of .005 or less. Check the box corresponding to the standard solution being used. (PRINTOUT ATTACHED)

- 0.100% STANDARD - MUST READ BETWEEN 0.095% and 0.105% INCLUSIVE
- 0.080% STANDARD - MUST READ BETWEEN 0.076% and 0.084% INCLUSIVE
- 0.040% STANDARD - MUST READ BETWEEN 0.038% and 0.042% INCLUSIVE

TEST 1 .101

TEST 2 .100

TEST 3 .100

RFI DETECTOR OPERATING

INDICATE THE NUMBER OF BREATH TESTS IN THE FOLLOWING RANGES SINCE THE LAST MAINTENANCE REPORT:
 (DO NOT INCLUDE SELF-ADMINISTERED TESTS)

REFUSALS	2	(0-.04)	0	(.05-.09)	3	(.10-.14)	2	(.15-.19)	1	(OVER .19)	1
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List any new parts and describe any alteration or modification that was made to restore the instrument to operate satisfactorily and within established limits (use other side if necessary).

Re-calibrated to .100. Was testing at .048 with a .100 compressed gas.

INSPECTING OFFICER

SIGNATURE

PRINT NAME
Nathan Turner

TYPE III PERMIT NUMBER/EXPIRATION DATE
220411 12/20/2014

TELEPHONE NUMBER
(573) 441-5467

Return completed report to the: Breath Alcohol Program, MO Department of Health and Senior Services, Southeast District Office
 2875 James Boulevard
 Poplar Bluff, MO 63901



Airgas USA LLC (LAB)

3500 Bernard Street

St. Louis, Mo. 63103

Ph: (314) 533-3100

Fax: (314) 533-7328

Certificate of Analysis

Customer Name

Intoximeters, Inc.
2081 Craig Road
St. Louis, Mo 63146

Test Date: 2-Jun-2014

Lot # AG414902

Exp. Date

29-May-2016

Cyl. Type

55

Component

Ethanol
Nitrogen

Certified Concentration

0.100 ± 2% BrAC (272 ppm)
Balance

Certification Traceable to N.I.S.T. RGM Ethanol Standards:

<u>Serial No.</u>	<u>Concentration</u>	<u>Serial No.</u>	<u>Concentration</u>
EB0010581	391.8 ppm	EB0010603	392.5 ppm
EB0010570	259.8 ppm	EB0010559	258.9 ppm
EB0010285	209.0 ppm	EB0010595	208.9 ppm
EB0010561	103.7 ppm	EB0010562	104.9 ppm
EB0010681	52.22 ppm	EB0010579	52.94 ppm

Analytical Method: NDIR

Digitally signed by Quality Control
Date: 2014.06.03 09:10:02 -05:00
Reason: Dry gas standard certification of analysis
Location: Airgas USA LLC (Lab)

Analyst:

Rod Marsala

ISO 17025:2005 A2LA accredited. Certificate Number 2989.01

AS IV Serial no: 102458
Version no: 004C

TEST RECORD 01058

Temp Date Time 210L

Air Blank:
17/10/14 18:22 .000
Calibration Check:
26 17/10/14 18:22 .100

Subject Name

Test

Subject I.D.

Operator Name: I.D.

Turner 1985

Location

CPD

AS IV Serial no: 102458
Version no: 004C

TEST RECORD 01056

Temp Date Time 210L

Air Blank:
17/10/14 18:19 .000
Calibration Check:
25 17/10/14 18:19 .101

Subject Name

Test

Subject I.D.

Operator Name: I.D.

Turner 1985

Location

CPD

AS IV Serial no: 102458
Version no: 004C

TEST RECORD 01059

Temp Date Time 210L

Void: XP1
12 17/10/14 18:23

Subject Name

Test

Operator Name: I.D.

Turner 1985

AS IV Serial no: 102458
Version no: 004C

TEST RECORD 01057

Temp Date Time 210L

Air Blank:
17/10/14 18:20 .000
Calibration Check:
26 17/10/14 18:20 .100

Subject Name

Test

Operator Name: I.D.

Turner 1985