



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 8:15 am, Aug 04, 2015

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

ALCO SENSOR IV SN 102458	PRINTER SN 093.3578.252	DATE OF INSPECTION 07/31/2015
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LOCATION OF INSTRUMENT (STREET AND CITY) 600 E. Walnut Columbia	TIME OF INSPECTION 6:04 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 # AG505101 EXP. DATE 02/20/2017

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 ➔ .097

TEST 2 ➔ .098

TEST 3 ➔ .098

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 4 (0-.04) (.05-.09) 1 (.10-.14) 1 (.15-.19) 0 (OVER .19) 0

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).

INSPECTING OFFICER

SIGNATURE 	PRINT NAME Spirit Stevens
TYPE II PERMIT NUMBER/EXPIRATION DATE 250097/5-11-17	TELEPHONE NUMBER (573) 874-7652

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: 23-Feb-2015

Lot # AG505101

<u>Exp. Date</u>	<u>Cyl. Type</u>	<u>Component</u>	<u>Certified Concentration</u>
20-Feb-2017	108	Ethanol Nitrogen	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: 2015.02.23 15:38:13 -06:00
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 01114

Temp Date Time 210L

Air Blank:
07/31/15 18:26 .000

Calibration Check:
37 07/31/15 18:26 .098

Subject Name

Cal 2

Subject I.D.

S. Stevens 213

Operator Name, I.D.

Location

CPD

AS IV Serial no: 102458
Version no: 004C

TEST RECORD 01113

Temp Date Time 210L

Air Blank:
07/31/15 18:24 .000

Calibration Check:
38 07/31/15 18:24 .097

Subject Name

Cal 1

Subject I.D. 213

Spirit Stevens

Operator Name, I.D.

Location

CPD

AS IV Serial no: 102458
Version no: 004C

TEST RECORD 01115

Temp Date Time 210L

Air Blank:
07/31/15 18:27 .000

Calibration Check:
37 07/31/15 18:27 .098

Subject Name

Cal 3

Subject I.D.

S. Stevens 213

Operator Name, I.D.

Location

CPD

AS IV Serial no: 102458
Version no: 004C

TEST RECORD 01116

Temp Date Time 210L

Void: RFI
12 07/31/15 18:28

Subject Name

RFI

Subject I.D.

S. Stevens 213

Operator Name, I.D.

Location

CPD