



MISSOURI DEPARTMENT OF HEALTH AND SENIOR SERVICES
STATE PUBLIC HEALTH LABORATORY

ALCO-SENSOR IV WITH PRINTER MAINTENANCE REPORT

RECEIVED

REPORT #7

By Carol Day at 1:53 pm, Sep 09, 2014

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

Whenever instrument is repaired

ALCO SENSOR IV SN 062088	PRINTER SN 096.3580.929	DATE OF INSPECTION 09/09/2014
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LOCATION OF INSTRUMENT (STREET AND CITY) 7447 Dale Avenue, Richmond Heights MO 63117	TIME OF INSPECTION 3:53 am
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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

<input type="checkbox"/> SIMULATOR SOLUTION	<input checked="" type="checkbox"/> COMPRESSED ETHANOL-GAS MIXTURE
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<input checked="" type="checkbox"/> STANDARD SUPPLIER <u>Airgas</u>	LOT # <u>AG302902</u>	EXP DATE <u>09 29 2014</u>
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<input type="checkbox"/> SIMULATOR TEMPERATURE (34°C ± 0.2°C)	SIMULATOR SN	SIMULATOR EXP DATE
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- 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 = .081	TEST 2 = .081	TEST 3 = .081
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- 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	1	(0-.04)	0	(.05-.09)	0	(.10-.14)	0	(.15-.19)	0	OVER .19	0
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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).

INSPECTING OFFICER

SIGNATURE <i>P.O. Stewart Deken</i>	PRINT NAME P.O. Stewart Deken, #5
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TYPE II PERMIT NUMBER/EXPIRATION DATE 220402	TELEPHONE NUMBER (314) 647-5656
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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: 30-Jan-2013

Lot # AG302902

<u>Exp. Date</u> 29-Sep-2014	<u>Cyl. Type</u> 30	<u>Component</u> Ethanol Nitrogen	<u>Certified Concentration</u> 0.082 ± 0.002 BrAC (223 ppm); Balance
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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	391.5 ppm	EB0010603	390.9 ppm
EB0010570	258.4 ppm	EB0010599	258.3 ppm
EB0010285	208.9 ppm	EB0010606	209.2 ppm
EB0010561	101.9 ppm	EB0010562	104.9 ppm
EB0010681	53.0 ppm	EB0010579	52.4 ppm

Analytical Method: NDIR

Analyst: 

ISO 17025:2005 A2LA accredited. Certificate Number 2989.01

AS IV Series
Version no

662888

TEST Nr

88154

Temp Test
Time 210L

9/

Air Blank
89/89/1

Calibrated
24 89/89/1

Subject Item

Test

Subject I, II

Operator
Delen, 151

RHPD

RFI Test

Delen, 151

RHPD

AS IV Series
Version no

662888

TEST Nr

88155

Temp Test
Time 210L

9/

Air Blank
89/89/1

Calibrated
25 89/89/1

Subject Item

Test

Subject I, II

Operator
Delen, 151

RHPD

AS IV Series
Version no

662888

TEST Nr

88153

Temp Test
Time 210L

9/

Air Blank
89/89/1

Calibrated
23 89/89/1

Subject Item

Test

Subject I

Operator
Delen, 151

RHPD

State of Missouri
DEPARTMENT OF HEALTH



P E R M I T
TYPE II



STEWART J DEKEN

Is hereby authorized to instruct and supervise operators, train instructors, inspect, calibrate, perform field repairs, and operate the following breath analyzer(s):

ALCO-SENSOR IV W/PRINTER

for the determination of the alcoholic content of blood from a sample of expired (alveolar) air. Issued under the provisions of sections 577.020 through 577.041, RSMo 1986.

Date 12/20/2012

Number 220402

Expires 12/20/2014

Director of State Public Health Laboratory

ACTING DIRECTOR

Director, Department of Health