



MISSOURI DEPARTMENT OF HEALTH AND SENIOR SERVICES
STATE PUBLIC HEALTH LABORATORY

ALCO-SENSOR IV WITH PRINTER MAINTENANCE REPORT

RECEIVED

By Carol Day at 1:45 pm, Jun 26, 2014

REPORT #7

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 file.

ALCO SENSOR IV SN 107988	PRINTER SN 099.3586.812	DATE OF INSPECTION 06/07/2014
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LOCATION OF INSTRUMENT (STREET AND CITY) 7447 Dale Ave. Richmond Heights, MO 63117	TIME OF INSPECTION 3:20 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

SIMULATOR SOLUTION COMPRESSED ETHANOL-GAS MIXTURE

STANDARD SUPPLIER Intoximeters Inc. LOT # AG302902 EXP. DATE 09/24/2014

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 \Rightarrow .080

TEST 2 \Rightarrow .080

TEST 3 \Rightarrow .080

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	0	(0-.04)	0	(.05-.09)	1	(.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

[Handwritten Signature]

PRINT NAME

Corporal Todd Melugin DSN 153

TYPE II PERMIT NUMBER/EXPIRATION DATE

220406 / 12/20/2014

TELEPHONE NUMBER

(314) 647-5656

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

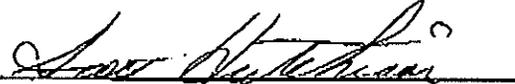
Lot # AG302902

<u>Exp. Date</u>	<u>Cyl. Type</u>	<u>Component</u>	<u>Certified Concentration</u>
29-Sep-2014	30	Ethanol Nitrogen	0.082 ± 0.002 BrAC (223 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	391.5 ppm	EB0010603	390.9 ppm
EB0010570	258.4 ppm	EB0010559	258.3 ppm
EB0010285	208.9 ppm	EB0010595	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 Serial no: 107988
Version no: 532B

TEST RECORD 00020

Temp Date Time ^{9/} 210L

Air Blank:
06/07/14 03:20 .000
Calibration Check:
22 06/07/14 03:20 .080

Subject Name

TEST

Subject I.D.

Operator Name, I.D.

T. Melugin 153

Location

7447 DALE AVE.

AS IV Serial no: 107988
Version no: 532B

TEST RECORD 00023

Temp Date Time ^{9/} 210L

VOID: RFI
12 06/07/14 03:24

Subject Name

TEST

Subject I.D.

Operator Name, I.D.

MELUGIN 153

Location

7447 DALE AVE.

AS IV Serial no: 107988
Version no: 532B

TEST RECORD 00021

Temp Date Time ^{9/} 210L

Air Blank:
06/07/14 03:21 .000
Calibration Check:
22 06/07/14 03:21 .080

Subject Name

TEST

Subject I.D.

Operator Name, I.D.

MELUGIN 153

Location

7447 DALE AVE.

AS IV Serial no: 107988
Version no: 532B

TEST RECORD 00022

Temp Date Time ^{9/} 210L

Air Blank:
06/07/14 03:22 .000
Calibration Check:
22 06/07/14 03:22 .080

Subject Name

TEST

Subject I.D.

Operator Name, I.D.

MELUGIN 153

Location

7447 DALE AVE

State of Missouri
DEPARTMENT OF HEALTH



P E R M I T
TYPE II



TODD M MELUGIN

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 220406

Expires 12/20/2014

Director of State Public Health Laboratory

ACTING DIRECTOR

Director, Department of Health