



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

RECEIVED
 By Carol Day at 9:33 am, May 12, 2014

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 05/09/2014
LOCATION OF INSTRUMENT (STREET AND CITY) 7447 Dale Ave. Richmond Heights, MO 63117		TIME OF INSPECTION 7:06 pm

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 .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)	1	(.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 	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) 633-3100
 Fax: (314) 633-7328

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>Cvl. 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 00017

Temp Date Time 210L ^{9/}

Air Blank:
05/09/14 19:09 .000
Calibration Check:
22 05/09/14 19:09 .081

Subject Name

TEST

Subject I.D.

MELUGIN 153
Operator Name, I.D.

7447 DALE AVE
Location

AS IV Serial no: 107988
Version no: 532B

TEST RECORD 00016

Temp Date Time 210L ^{9/}

Air Blank:
05/09/14 19:07 .000
Calibration Check:
22 05/09/14 19:07 .081

Subject Name

TEST

Subject I.D.

MELUGIN 153
Operator Name, I.D.

7447 DALE AVE
Location

AS IV Serial no: 107988
Version no: 532B

TEST RECORD 00015

Temp Date Time 210L ^{9/}

Air Blank:
05/09/14 19:06 .000
Calibration Check:
21 05/09/14 19:06 .081

Subject Name

TEST

Subject I.D.

MELUGIN 153
Operator Name, I.D.

7447 DALE AVE
Location

AS IV Serial no: 107988
Version no: 532B

TEST RECORD 00018

Temp Date Time 210L ^{9/}

VOID: RFI
12 05/09/14 19:10

Subject Name

RFI TEST

Subject I.D.

MELUGIN 153
Operator Name, I.D.

7447 DALE AVE
Location

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