



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

RECEIVED
 By Carol Day at 3:56 pm, May 05, 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 107983	PRINTER SN 099.3586.802	DATE OF INSPECTION 05/05/2014
LOCATION OF INSTRUMENT (STREET AND CITY) 12 South Water Street Liberty		TIME OF INSPECTION 2:52 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

<input type="checkbox"/> SIMULATOR SOLUTION	<input checked="" type="checkbox"/> COMPRESSED ETHANOL-GAS MIXTURE
<input checked="" type="checkbox"/> STANDARD SUPPLIER <u>Intoximeters</u>	LOT # <u>AG407801</u> EXP. DATE <u>03/19/2016</u>
<input type="checkbox"/> 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 ➔ 0.096	TEST 2 ➔ 0.097	TEST 3 ➔ 0.097
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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	0	(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).

Instrument was recalibrated

INSPECTING OFFICER

SIGNATURE 8170	PRINT NAME Chad Wilderdyke
TYPE II PERMIT NUMBER/EXPIRATION DATE 240221	TELEPHONE NUMBER (816) 407-3700

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

AS IV Serial no: 107983
Version no: 532B

TEST RECORD 00008

Temp Date Time ^{s/} 210L

Air Blank:
05/05/14 13:54 .000
Calibration:
27 05/05/14 13:54 .097

Subject Name

CAL

Subject I.D.

Wilderdyke P170

Operator Name, I.D.

CLAY COSHER OFFICE

Location

AS IV Serial no: 107983
Version no: 532B

TEST RECORD 00009

Temp Date Time ^{s/} 210L

Air Blank:
05/05/14 13:56 .000
Calibration Check:
27 05/05/14 13:56 .097

Subject Name

CAL CHECK

Subject I.D.

Operator Name, I.D.

Wilderdyke P170

Location

CLAY COSHER OFFICE

AS IV Serial no: 107983
Version no: 532B

TEST RECORD 00016

Temp Date Time ^{s/} 210L

VOID: RFI
12 05/05/14 15:19

Subject Name

RFI Test

Subject I.D.

Operator Name, I.D.

Wilderdyke P170

Location

12 S WATER ST
Liberty, MO

AS IV Serial no: 107983
Version no: 532B

TEST RECORD 00013

Temp Date Time ^{s/} 210L

Air Blank:
05/05/14 15:13 .000
Subject Test: Man
27 05/05/14 15:13 .096

Subject Name

Test # 1

Subject I.D.

Operator Name, I.D.

Wilderdyke P170

Location

12 S WATER ST
Liberty, MO

AS IV Serial no: 107983
Version no: 532B

TEST RECORD 00014

Temp Date Time ^{s/} 210L

Air Blank:
05/05/14 15:15 .000
Subject Test: Man
27 05/05/14 15:15 .097

Subject Name

Test # 2

Subject I.D.

Operator Name, I.D.

Wilderdyke P170

Location

12 S WATER ST
Liberty, MO

AS IV Serial no: 107983
Version no: 532B

TEST RECORD 00015

Temp Date Time ^{s/} 210L

Air Blank:
05/05/14 15:17 .000
Subject Test: Man
28 05/05/14 15:17 .097

Subject Name

Test # 3

Subject I.D.

Operator Name, I.D.

Wilderdyke P170

Location

12 S WATER ST
Liberty, MO



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: 20-Mar-2014

Lot # AG407801

<u>Exp. Date</u>	<u>Cyl. Type</u>	<u>Component</u>	<u>Certified Concentration</u>
19-Mar-2016	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: 2014.03.20 17:26:10 -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



STATE OF MISSOURI
 DEPARTMENT OF HEALTH AND SENIOR SERVICES
 BREATH ALCOHOL PROGRAM

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PERMIT
TYPE II

CHAD A WILDERDYKE

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

ALCO-SENSOR IV WITH PRINTER, INTOX EC/IR II

for the determination of the alcoholic content of blood from a sample of expired air. Permit issued under the provisions of sections 577.020 through 577.041, RSMo and 306.111 through 306.119 RSMo.

DATE 4/30/2014

NUMBER 240221

EXPIRES 4/30/2016

DIRECTOR OF STATE PUBLIC HEALTH LABORATORY

DIRECTOR OF DEPARTMENT OF HEALTH AND SENIOR SERVICES