



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

RECEIVED
 By Carol Day at 8:58 am, Jun 01, 2016

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 Moberly Police Dept. 030810	PRINTER SN 84-9324143	DATE OF INSPECTION 05/25/2016
LOCATION OF INSTRUMENT (STREET AND CITY) Missouri Safety Center 1200 South Holden St. Warrensburg		TIME OF INSPECTION 4:44 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 LOT # AG535002 EXP. DATE 12/16/2017

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 = 0.080

TEST 2 = 0.080

TEST 3 = 0.080

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)	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).

Software upgrade performed by Intoximeters.

INSPECTING OFFICER

SIGNATURE 	PRINT NAME Robert W. Welsh
TYPE II PERMIT NUMBER/EXPIRATION DATE 250122 06/03/2017	TELEPHONE NUMBER (660) 543-4597

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: 030810
Version no: 532B

TEST RECORD 00023

Temp Date Time ^{s/} 210L

Air Blank:
05/25/16 16:44 .000
Calibration Check:
25 05/25/16 16:44 .000

Subject Name
WELSH 250122

Subject I.D.
CALIB.
Operator Name, I.D.

MSC
Location
RNH

AS IV Serial no: 030810
Version no: 532B

TEST RECORD 00024

Temp Date Time ^{s/} 210L

Air Blank:
05/25/16 16:49 .000
Calibration Check:
25 05/25/16 16:49 .000

Subject Name
WELSH 250122
Subject I.D.

CHECK 1
Operator Name, I.D.
MSC

Location
RNH

AS IV Serial no: 030810
Version no: 532B

TEST RECORD 00025

Temp Date Time ^{s/} 210L

Air Blank:
05/25/16 16:51 .000
Calibration Check:
25 05/25/16 16:51 .000

Subject Name
~~0002~~ WELSH 250122
Subject I.D.

CHECK 2
Operator Name, I.D.
MSC

Location
RNH

AS IV Serial no: 030810
Version no: 532B

TEST RECORD 00026

Temp Date Time ^{s/} 210L

Air Blank:
05/25/16 16:53 .000
Calibration Check:
25 05/25/16 16:53 .000

Subject Name
WELSH 250122

Subject I.D.
CHECK 3
Operator Name, I.D.

MSC
Location
RNH

AS IV Serial no: 030810
Version no: 532B

TEST RECORD 00027

Temp Date Time ^{s/} 210L

Air Blank:
05/25/16 16:55 .000
Subject Test: Auto
25 05/25/16 16:55 .000

Subject Name
WELSH 250122
Subject I.D.

SOBER CK
Operator Name, I.D.
MSC

Location
RNH

AS IV Serial no: 030810
Version no: 532B

TEST RECORD 00028

Temp Date Time ^{s/} 210L

VOID: RFI
12 05/25/16 16:56

Subject Name
WELSH 250122
Subject I.D.

RFI CK.
Operator Name, I.D.
MSC

Location
RNH



Airgas USA LLC (LAB)

3500 Bernard Street

St. Louis, Mo. 63103

Ph: (314) 533-3100

Fax: (314) 533-7328

Certificate of Analysis

Customer Name

Exclusive Supplier
Intoximeters, Inc.
2081 Craig Road
St. Louis, Mo 63146

Test Date: 21-Dec-2015

Lot # AG535002 Model 108cacd

Exp. Date

16-Dec-2017

Cyl. Type

108

Component

Ethanol
Nitrogen

Certified Concentration

0.080 ± 0.002 BrAC (218 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: 2015.12.21 14:02:23 -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



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

2

**PERMIT
 TYPE II**

ROBERT W WELSH

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

**DATAMASTER, INTOX DMT, INTOXILYZER 5000, INTOXILYZER
 8000, 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 6/3/2015

NUMBER 250122

EXPIRES 6/3/2017

MO 580-0771 (6-10)

DIRECTOR OF STATE PUBLIC HEALTH LABORATORY

DIRECTOR OF DEPARTMENT OF HEALTH AND SENIOR SERVICES

LAB-4 (R6-10)



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

INSTRUMENT OPERATOR CARD

The named cardholder is authorized to operate an evidential breath alcohol instrument for the determination of the alcoholic content in breath form of expired air in Missouri.



Operator WELSH, ROBERT
 Permit No 250122
 Date Issued 6/3/2015 Date Expires 6/3/2017