



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

RECEIVED
 By Carol Day at 10:02 am, Sep 29, 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 104658	PRINTER SN 096.3580.740	DATE OF INSPECTION 09/29/2014
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LOCATION OF INSTRUMENT (STREET AND CITY) 8920 Natural Bridge/MO115	TIME OF INSPECTION 7:23 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
<input checked="" type="checkbox"/> STANDARD SUPPLIER <u>Intoximeters</u>	LOT # <u>AG306401</u> EXP. DATE <u>03/05/2015</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 \blacktriangleleft .081	TEST 2 \blacktriangleleft .080	TEST 3 \blacktriangleleft .079
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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).

NO
 P. DATE
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INSPECTING OFFICER

SIGNATURE 	PRINT NAME Richard A Erwin
TYPE II PERMIT NUMBER/EXPIRATION DATE 240237/05-13-2016	TELEPHONE NUMBER (314) 889-2341

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: 104658
 Version no: 532B
 TEST RECORD 00024
 Temp Date Time 210L
 Air Blank: 09/29/14 07:23 .000
 Calibration Check: 09/29/14 07:23 .081
 Subject Name Joe Doe
 Subject I.D. R3456
 Operator Name, I.D. Enn, 284
 Location 8920 Mollis
 Sent Lewis

①

AS IV Serial no: 104658
 Version no: 532B
 TEST RECORD 00025
 Temp Date Time 210L
 Air Blank: 09/29/14 07:24 .000
 Calibration Check: 09/29/14 07:24 .080
 Subject Name Joe Doe
 Subject I.D. 127456
 Operator Name, I.D. Enn, 284
 Location 8920 Mollis
 Sent Lewis

②

AS IV Serial no: 104658
 Version no: 532B
 TEST RECORD 00026
 Temp Date Time 210L
 Air Blank: 09/29/14 07:26 .000
 Calibration Check: 09/29/14 07:26 .079
 Subject Name Joe Doe
 Subject I.D. 127456
 Operator Name, I.D. Enn, 284
 Location 8920 Mollis
 Sent Lewis

③

AS IV Serial no: 104658
 Version no: 532B
 TEST RECORD 00027
 Temp Date Time 210L
 Air Blank: 09/29/14 07:29 .000
 Calibration Check: 09/29/14 07:29 .000
 Subject Name Joe Doe
 Subject I.D. 127456
 Operator Name, I.D. Enn, 284
 Location 8920 Mollis
 Sent Lewis

④



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: 6-Mar-2013

Lot # AG306401

<u>Exp. Date</u>	<u>Cyl. Type</u>	<u>Component</u>	<u>Certified Concentration</u>
5-Mar-2015	108	Ethanol	0.082 ± 0.002 BrAC (223 ppm)
		Nitrogen	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

Analyst:

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

RICHARD A ERWIN

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

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 5/13/2014


 DIRECTOR OF STATE PUBLIC HEALTH LABORATORY

NUMBER 240237


 acting director
 DIRECTOR OF DEPARTMENT OF HEALTH AND SENIOR SERVICES

EXPIRES 5/13/2016

MO 590-0771 (6-10)

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 ERWIN, RICHARD
 Permit No 240237
 Date Issued 5/13/2014 Date Expires 5/13/2016