



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

RECEIVED
By Tracy Crews at 8:29 am, Feb 19, 2020

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 097426	PRINTER SN 03A.2436.098	DATE OF INSPECTION 02/12/2020
LOCATION OF INSTRUMENT (STREET AND CITY) 4001 NE Lakewood Way Ct., Lee's Summit, Mo -064064		TIME OF INSPECTION 11:16 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) *24°C*
- PRINTER WORKING PROPERLY
- TIME AND DATE DISPLAYING PROPERLY

BREATH ALCOHOL ACCURACY STANDARDS

- SIMULATOR SOLUTION COMPRESSED ETHANOL-GAS MIXTURE
- STANDARD SUPPLIER Intoximeters LOT # AG805203 EXP. DATE 02/21/2020
- 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 ➔ .98	TEST 2 ➔ .100	TEST 3 ➔ .099
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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	2	(0-.04)	0	(.05-.09)	0	(.10-.14)	1	(.15-.19)	1	(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 meets all DOHSS standards and guidelines.

INSPECTING OFFICER

SIGNATURE <i>R. Heck #98/365</i>	PRINT NAME R. Heck #98
TYPE II PERMIT NUMBER/EXPIRATION DATE 200051-----01-10-2022	TELEPHONE NUMBER (816) 524-4302

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: 097426
Version no: 532B

TEST RECORD 00901 ^{a/}
Temp Date Time 210L

Air Blank: 02/12/20 23:16 .000
Calibration Check: 24 02/12/20 23:16 .098

Subject Name Monthly Maint +
Subject I.D. Ray Heck
Operator Name, I.D. # 200051

Location JCSO GHA

AS IV Serial no: 097426
Version no: 532B

TEST RECORD 00902 ^{a/}
Temp Date Time 210L

Air Blank: 02/12/20 23:18 .000
Calibration Check: 24 02/12/20 23:18 .100

Subject Name Monthly Maint
Subject I.D. Ray Heck
Operator Name, I.D. # 200051

Location JCSO GHA

AS IV Serial no: 097426
Version no: 532B

TEST RECORD 00903 ^{a/}
Temp Date Time 210L

Air Blank: 02/12/20 23:20 .000
Calibration Check: 25 02/12/20 23:20 .099

Subject Name Monthly Maint
Subject I.D. Ray Heck
Operator Name, I.D. # 200051

Location JCSO GHA

AS IV Serial no: 097426
Version no: 532B

TEST RECORD 00904 ^{a/}
Temp Date Time 210L

VOID: RFI
12 02/12/20 23:22

Subject Name Monthly Maint
Subject I.D. Ray Heck
Operator Name, I.D. # 200051

Location JCSO GHA



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: 26-Feb-2018

Lot # AG805203 Model 108caccd

<u>Exp. Date</u> 21-Feb-2020	<u>Cyl. Type</u> 108	<u>Component</u> Ethanol Nitrogen	<u>Certified Concentration</u> 0.100 ± 2% BrAC (272 ppm) Balance
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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	392.1 ppm	EB0010603	393.0 ppm
EB0010570	259.8 ppm	EB0010559	258.2 ppm
EB0010285	208.0 ppm	EB0010595	208.3 ppm
EB0010561	103.6 ppm	EB0010562	104.2 ppm
EB0010681	52.12 ppm	EB0010579	52.81 ppm

Analytical Method: NDIR

Digitally signed by Quality Control
 Date: 2018.02.26 10:16:13 -06:00
 Reason: Dry gas standard certification of analysis
 Location: Airgas USA LLC (Lab)

Approved for Release:

 Rod Marsala

ISO 17025:2005 A2LA accredited. Certificate Number 2989.01



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



PERMIT
TYPE II
RAY C. HECK JR.

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 1/10/2020

NUMBER 200051

EXPIRES 1/10/2022

DIRECTOR OF STATE PUBLIC HEALTH LABORATORY

DIRECTOR OF DEPARTMENT OF HEALTH AND SENIOR SERVICES

 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 HECK JR., RAY
 Permit No 200051
 Date Issued 1/10/2020 Date Expires 1/10/2022

