



MISSOURI DEPARTMENT OF HEALTH AND SENIOR SERVICES
STATE PUBLIC HEALTH LABORATORY

ALCO-SENSOR IV WITH PRINTER MAINTENANCE REPORT

RECEIVED

By Ellen Strawsine at 9:37 am, Oct 23, 2017

RECEIVED

By Tracy Crews at 10:50 am, Jun 10, 2021

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 030807	PRINTER SN 08C.3556.238	DATE OF INSPECTION 06/03/2021
LOCATION OF INSTRUMENT (STREET AND CITY) Jefferson County Sheriff's Office, 410 First Street, Hillsboro, MO 63050		TIME OF INSPECTION 6:33 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>Intoximeter</u>	LOT # <u>AG109702</u> EXP. DATE <u>05/02/2021</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 .104	TEST 2 .104	TEST 3 .103
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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-.04)	(.05-.09)	(.10-.14)	(.15-.19)	(OVER .19)
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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).

(Empty space for notes)

INSPECTING OFFICER	
SIGNATURE 	PRINT NAME Deputy Shawn Loness #391
TYPE II PERMIT NUMBER/EXPIRATION DATE 200300 12/11/2022	TELEPHONE NUMBER (636) 797-5000

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: 030807
Version no: 532B

TEST RECORD 00107

Temp Date Time 210L

Air Blank:
06/03/21 18:33 .000
Calibration Check:
22 06/03/21 18:33 .104

Subject Name
Dep. HONESS #391

Subject I.D.
200300 12/11/2022

Operator Name, I.D.

JUNE 2021 MAJ.T.

Location

TEST #1

AS IV Serial no: 030807
Version no: 532B

TEST RECORD 00108

Temp Date Time 210L

Air Blank:
06/03/21 18:35 .000
Calibration Check:
23 06/03/21 18:35 .104

Subject Name

Subject I.D.

Operator Name, I.D.

Location

TEST #2

AS IV Serial no: 030807
Version no: 532B

TEST RECORD 00109

Temp Date Time 210L

Air Blank:
06/03/21 18:40 .000
Calibration Check:
24 06/03/21 18:40 .103

Subject Name

Subject I.D.

Operator Name, I.D.

Location

TEST #3

AS IV Serial no: 030807
Version no: 532B

TEST RECORD 00110

Temp Date Time 210L

VOID: RFI
12 06/03/21 18:41

Subject Name

Subject I.D.

Operator Name, I.D.

Location

RFI



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: 8-Apr-2021

Lot # AG109702 **Model** 108cacd

Exp. Date

7-Apr-2023

Cyl. Type

108

Component

Ethanol

Nitrogen

Certified Concentration

0.100 ± 2% BrAC (272 ppm)

Balance

Certification Traceable to N.I.S.T. RGM and to CRM Ethanol Standards:

RGM Serial No.

EB0010581

EB0010570

EB0010285

EB0010561

EB0010681

Concentration

392.1 ppm

259.8 ppm

208.0 ppm

103.6 ppm

52.12 ppm

RGM Serial No.

EB0010603

EB0010559

EB0010595

EB0010562

EB0010579

Concentration

393.0 ppm

258.2 ppm

208.3 ppm

104.2 ppm

52.81 ppm

CRM Serial No.

CC727481

CC727496

Concentration

800.0 ppm

253.0 ppm

CRM Serial No.

CC727493

CC727498

Concentration

390.0 ppm

150.0 ppm

Analytical Method:

NDIR

Digitally signed by Quality Control
Date: 2021.04.08 18:24:39 -05:00
Reason: Dry gas standard certification of analysis
Location: Airgas USA LLC (Lab)

Approved for Release:

Rod Marsala

ISO 17025:2005 A2LA accredited. Certificate Number 3082.06

ISO 17034:2016 A2LA accredited. Certificate Number 3082.07