



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

REPORT #7

RECEIVED

By Tracy Crews at 3:17 pm, Jun 28, 2021

Complete this report in duplicate at the time of the regular monthly preventative maintenance check. Send copy to Department of Health and Senior Services; retain original in department file.

ALCO SENSOR IV SN 111676	NAME OF AGENCY Jefferson County Sheriff's Office	DATE OF INSPECTION 05/20/2021
LOCATION OF INSTRUMENT (STREET AND CITY) 410 First Street, Hillsboro, MO 63050		TIME OF INSPECTION 9:08 am

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 # AG109702 EXP. DATE 04/07/2023

SIMULATOR TEMPERATURE (34°C ± 0.2°C) SIM. SN SIM. NIST 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 .103 TEST 2 .102 TEST 3 .102

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)
----------	---------	-----------	-----------	-----------	------------

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).

INSPECTING OFFICER

SIGNATURE 	PRINT NAME Deputy Shawn Lones #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 by mail, fax, or email.

AS IV Serial no: 111676
Version no: 532B

TEST RECORD 00127

Temp Date Time ^{g/} 210L

Air Blank:
06/21/21 09:08 .000
Calibration Check:
22 06/21/21 09:08 .103

Subject Name

JULY MAINT 2021

Subject I.D.

TEST #1

Operator Name, I.D.

KOVESS 200300

Location

AS IV Serial no: 111676
Version no: 532B

TEST RECORD 00128

Temp Date Time ^{g/} 210L

Air Blank:
06/21/21 09:10 .000
Calibration Check:
23 06/21/21 09:10 .102

Subject Name

Subject I.D.

TEST #2

Operator Name, I.D.

Location

AS IV Serial no: 111676
Version no: 532B

TEST RECORD 00129

Temp Date Time ^{g/} 210L

Air Blank:
06/21/21 09:12 .000
Calibration Check:
23 06/21/21 09:12 .102

Subject Name

Subject I.D.

TEST #3

Operator Name, I.D.

Location

AS IV Serial no: 111676
Version no: 532B

TEST RECORD 00130

Temp Date Time ^{g/} 210L

VOID: RFI
12 06/21/21 09:19

Subject Name

Subject I.D.

RFI

Operator Name, I.D.

Location



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