



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

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 107996	PRINTER SN 099.3586.800	DATE OF INSPECTION 04/02/2020
LOCATION OF INSTRUMENT (STREET AND CITY) 7010 N Holmes, Gladstone, MO (Gladstone PD)		TIME OF INSPECTION 12:30 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 # AG908401 EXP. DATE 03/25/2021

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 .100	TEST 2 .099	TEST 3 .099
--------------	--------------	--------------

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
----------	---	---------	---	-----------	---	-----------	---	-----------	---	------------	---

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 Eric D. Stock
TYPE & PERMIT NUMBER/EXPIRATION DATE 200077 02/04/2022	TELEPHONE NUMBER (816) 423-4048

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: 107996
Version no: 532B

TEST RECORD 01160

Temp Date Time ^{a/} 210L

Air Blank:
04/02/20 00:30 .000
Calibration Check:
22 04/02/20 00:30 .100

Subject Name

TEST 1
Subject I.D.

Operator Name, I.D.

E Stock 200077

Location

GLADSTONE PD

AS IV Serial no: 107996
Version no: 532B

TEST RECORD 01161

Temp Date Time ^{a/} 210L

Air Blank:
04/02/20 00:32 .000
Calibration Check:
23 04/02/20 00:32 .099

Subject Name

TEST 2
Subject I.D.

Operator Name, I.D.

E Stock 200077

Location

GLADSTONE PD

AS IV Serial no: 107996
Version no: 532B

TEST RECORD 01162

Temp Date Time ^{a/} 210L

Air Blank:
04/02/20 00:34 .000
Calibration Check:
23 04/02/20 00:34 .099

Subject Name

TEST 3
Subject I.D.

Operator Name, I.D.

E Stock 200077

Location

GLADSTONE PD

AS IV Serial no: 107996
Version no: 532B

TEST RECORD 01163

Temp Date Time ^{a/} 210L

VOID: RFI
12 04/02/20 00:36

Subject Name

RFI TEST
Subject I.D.

Operator Name, I.D.

E Stock 200077

Location

GLADSTONE PD

AS IV Serial no: 107996
Version no: 532B

TEST RECORD 01164

Temp Date Time ^{a/} 210L

Air Blank:
04/02/20 00:37 .000
Subject Test: Auto
24 04/02/20 00:37 .000

Subject Name

Blank TEST
Subject I.D.

Operator Name, I.D.

E Stock 200077

Location

GLADSTONE PD



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-Mar-2019

Lot # AG908401 Model 108cadd

Exp. Date

25-Mar-2021

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

Concentration

392.1 ppm

EB0010570

259.8 ppm

EB0010285

208.0 ppm

EB0010561

103.6 ppm

EB0010681

52.12 ppm

RGM Serial No.

EB0010603

Concentration

393.0 ppm

EB0010559

258.2 ppm

EB0010595

208.3 ppm

EB0010562

104.2 ppm

EB0010579

52.81 ppm

CRM Serial No.

CC434668

Concentration

800.0 ppm

CC234503

253.0 ppm

CRM Serial No.

0056649

Concentration

390.1 ppm

0056662

150.2 ppm

Analytical Method:

NDIR

Digitally signed by Quality Control
Date: 2019.03.26 12:19:36 -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