



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 104293	NAME OF AGENCY 09B.3590.034	DATE OF INSPECTION 09/04/2020
LOCATION OF INSTRUMENT (STREET AND CITY) 7010 N Holmes, Gladstone, MO (Gladstone PD)		TIME OF INSPECTION 0427 hrs

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) _____ 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 .097	TEST 2 .096	TEST 3 .096
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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) 1	(.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).

INSPECTING OFFICER	
SIGNATURE 	PRINT NAME Eric D. Stock
TYPE II 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 by mail, fax, or email.

AS IV Serial no: 104293
Version no: 532B

TEST RECORD 01469

Temp Date Time ^{9/} 210L

Air Blank:
09/04/20 04:27 .000
Calibration Check:
26 09/04/20 04:27 .097

Subject Name

TEST 1

Subject I.D.

Operator Name, I.D.

E Stock 200077

Location

GPD

AS IV Serial no: 104293
Version no: 532B

TEST RECORD 01470

Temp Date Time ^{9/} 210L

Air Blank:
09/04/20 04:28 .000
Calibration Check:
27 09/04/20 04:28 .096

Subject Name

TEST 2

Subject I.D.

Operator Name, I.D.

E Stock 200077

Location

GPD

AS IV Serial no: 104293
Version no: 532B

TEST RECORD 01471

Temp Date Time ^{9/} 210L

Air Blank:
09/04/20 04:31 .000
Calibration Check:
27 09/04/20 04:31 .096

Subject Name

TEST 3

Subject I.D.

Operator Name, I.D.

E Stock 200077

Location

GPD

AS IV Serial no: 104293
Version no: 532B

TEST RECORD 01472

Temp Date Time ^{9/} 210L

VOID: RFI
12 09/04/20 04:32

Subject Name

RFI TEST

Subject I.D.

Operator Name, I.D.

E Stock 200077

Location

GPD

AS IV Serial no: 104293
Version no: 532B

TEST RECORD 01473

Temp Date Time ^{9/} 210L

Air Blank:
09/04/20 04:33 .000
Subject Test: Auto
27 09/04/20 04:33 .000

Subject Name

Blank TEST

Subject I.D.

Operator Name, I.D.

E Stock 200077

Location

GPD



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 108cacd

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

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.

CC434668

CC234503

Concentration

800.0 ppm

253.0 ppm

CRM Serial No.

0056649

0056662

Concentration

390.1 ppm

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