



ALCO-SENSOR IV WITH PRINTER MAINTENANCE REPORT

REPORT #7

RECEIVED

By Tracy Crews at 3:20 pm, Mar 18, 2024

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

ALCO SENSOR IV SN 111322	NAME OF AGENCY EDMUNDSON PD	DATE OF INSPECTION 03/16/2024
LOCATION OF INSTRUMENT (STREET AND CITY) 4430 Holman Lane, Edmundson, Mo		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, INC LOT # AG231902 EXP. DATE 11/14/2024

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 .098

TEST 2 .098

TEST 3 .098

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
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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).

Time Updated

INSPECTING OFFICER

SIGNATURE

PRINT NAME
Patrolman Brandon Lange DSN 74

TYPE II PERMIT NUMBER/EXPIRATION DATE
230147 7/21/2025

TELEPHONE NUMBER
(314) 428-5477

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: 111322
Version no: 532B

TEST RECORD 00503

Temp Date Time ^{g/} 210L

Air Blank:
03/16/24 00:30 .000
Calibration Check:
24 03/16/24 00:30 .098

Subject Name

mant 1

Subject I.D.

N/A

Operator Name, I.D.

George TM

Location

ERD

AS IV Serial no: 111322
Version no: 532B

TEST RECORD 00504

Temp Date Time ^{g/} 210L

Air Blank:
03/16/24 00:32 .000
Calibration Check:
24 03/16/24 00:32 .098

Subject Name

mant 2

Subject I.D.

N/A

Operator Name, I.D.

George TM

Location

ERD

AS IV Serial no: 111322
Version no: 532B

TEST RECORD 00505

Temp Date Time ^{g/} 210L

Air Blank:
03/16/24 00:34 .000
Calibration Check:
24 03/16/24 00:34 .098

Subject Name

mant 3

Subject I.D.

N/A

Operator Name, I.D.

George TM

Location

ERD

AS IV Serial no: 111322
Version no: 532B

TEST RECORD 00506

Temp Date Time ^{g/} 210L

VOID: RFI
12 03/16/24 00:34

Subject Name

RFT

Subject I.D.

N/A

Operator Name, I.D.

George TM

Location

ERD

AS IV Serial no: 111322
Version no: 532B

TEST RECORD 00507

Temp Date Time ^{g/} 210L

Air Blank:
03/16/24 00:36 .000
Subject Test: Auto
24 03/16/24 00:36 .000

Subject Name

George

Subject I.D.

TM

Operator Name, I.D.

George TM

Location

ERD

Certificate of Analysis

Test Date: 17-Nov-2022

Customer Name
Exclusive Supplier
Intoximeters, Inc.
2081 Craig Road
St. Louis, Mo 63146

Lot # AG231902 Model 108

Exp Date	Cyl. Type	Component	Certified Concentration
15-Nov-2024	108	Ethanol Nitrogen	0.100 ± 2% BrAC (272 ppm)

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

RGM Serial No.	Concentration	RGM Serial No.	Concentration
EB0010581	391.8 ppm	EB0010603	392.5 ppm
EB0010570	259.8 ppm	EB0010559	258.9 ppm
EB0010285	209.0 ppm	EB0010562	104.2 ppm
EB0010561	103.7 ppm	EB0010579	52.94 ppm
EB0010681	52.22 ppm		

CRM Serial No.	Concentration	CRM Serial No.	Concentration
CC727481	800.0 ppm	CC727493	390.0 ppm
CC727496	253.0 ppm	CC727498	150.0 ppm

Analytical Method: NDIR

Digitally signed by:Quality Control
Reason:Dry gas standard certification of analysis
Location:Airgas USA LLC (Lab)
Date:11.17.2022 20:17

Approved for Release: _____



Rod Marsala

ISO 17025:2017 A2LA accredited. Certificate Number 3082.06
ISO 17034:2016 A2LA accredited. Certificate Number 3082.07



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

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PERMIT
TYPE II
BRANDON W. LANGE

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 7/21/2023

NUMBER 230147

EXPIRES 7/21/2025

Mike Mason

DIRECTOR OF STATE PUBLIC HEALTH LABORATORY

Dave J. Nickelson

DIRECTOR OF DEPARTMENT OF HEALTH AND SENIOR SERVICES

MO 580-0771 (6-10)

LAB-4 (R6-10)



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 LANGE, BRANDON
Permit No 230147
Date Issued 7/21/2023 **Date Expires** 7/21/2025

