



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 097426	PRINTER SN 03A.2436.098	DATE OF INSPECTION 04/07/2022
LOCATION OF INSTRUMENT (STREET AND CITY) 4001 NE Lakewood Way Ct., Lee's Summit, MO, 64064		TIME OF INSPECTION 0:01 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 # AG114701 EXP. DATE 05/27/2023
- 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

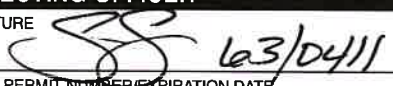
TEST 1 ← .102	TEST 2 ← .100	TEST 3 ← .101
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- RFI DETECTOR OPERATING

INDICATE THE NUMBER OF BREATH TESTS IN THE FOLLOWING RANGES SINCE THE LAST MAINTENANCE REPORT: (DO NOT INCLUDE SELF-ADMINISTERED TESTS)

REFUSALS	2	(0-.04)	0	(.05-.09)	2	(.10-.14)	4	(.15-.19)	3	(OVER .19)	1
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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).
 Instrument meets all DOHSS standards and guidelines. Time Change Complete

INSPECTING OFFICER	
SIGNATURE 	PRINT NAME Deputy S. Stoff #63
TYPE II PERMIT NUMBER/EXPIRATION DATE 200304 12/11/2022	TELEPHONE NUMBER (816) 524-4302

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: 097426
Version no: 532B

TEST RECORD 01148
Temp Date Time 210L
g/

VOID: RFI
12 04/07/22 00:07

Subject Name
Monthly Maint
Subject I.D.

Operator Name, I.D.
DP S Stahl #13
Location
6HG

AS IV Serial no: 097426
Version no: 532B

TEST RECORD 01147
Temp Date Time 210L
g/

Air Blank:
04/07/22 00:06 .000
Calibration Check:
25 04/07/22 00:06 .101

Subject Name
Monthly Maint
Subject I.D.

Operator Name, I.D.
DP Stahl
Location
6HG

AS IV Serial no: 097426
Version no: 532B

TEST RECORD 01146
Temp Date Time 210L
g/

Air Blank:
04/07/22 00:04 .000
Calibration Check:
24 04/07/22 00:04 .100

Subject Name
Monthly Maint
Subject I.D.

Operator Name, I.D.
DP S Stahl #13
Location
6HG

AS IV Serial no: 097426
Version no: 532B

TEST RECORD 01145
Temp Date Time 210L
g/

Air Blank:
04/07/22 00:01 .000
Calibration Check:
23 04/07/22 00:01 .102

Subject Name
Monthly Maint
Subject I.D.

Operator Name, I.D.
DP S Stahl #13
Location
6HG



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: 1-Jun-2021

Lot # AG114701 Model 108cacc

Exp. Date

27-May-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

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: 2021.06.03 17:37:33 -05:00
Reason: Dry gas standard certification of analysis
Location: Airgas USA LLC (Lab)

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

2

PERMIT
TYPE II
SEAN R. STOFF

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 12/11/2020

NUMBER 200304

EXPIRES 12/11/2022

MO 580-0771 (6-10)

DIRECTOR OF STATE PUBLIC HEALTH LABORATORY

DIRECTOR OF DEPARTMENT OF HEALTH AND SENIOR SERVICES

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 STOFF, SEAN
 Permit No 200304
 Date Issued 12/11/2020 Date Expires 12/11/2022

