



MISSOURI DEPARTMENT OF HEALTH AND SENIOR SERVICES
STATE PUBLIC HEALTH LABORATORY

ALCO-SENSOR IV WITH PRINTER MAINTENANCE REPORT

RECEIVED

By Tracy Crews at 2:52 pm, Sep 02, 2020

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 100288	NAME OF AGENCY St. Louis County Police Department	DATE OF INSPECTION 08/28/2020
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LOCATION OF INSTRUMENT (STREET AND CITY) Wildwood Precinct: 16860 Main Street, Wildwood, MO	TIME OF INSPECTION 08:30 AM
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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) **20°C**

PRINTER WORKING PROPERLY

TIME AND DATE DISPLAYING PROPERLY **08/28/20 08:30**

BREATH ALCOHOL ACCURACY STANDARDS

SIMULATOR SOLUTION COMPRESSED ETHANOL-GAS MIXTURE

STANDARD SUPPLIER Intoximeters LOT # AG829708 EXP. DATE 10/24/2020

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 .096	TEST 2 .098	TEST 3 .097
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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) 0	(.15-.19) 1	(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).

INSPECTING OFFICER

SIGNATURE D. Rose 2721	PRINT NAME Officer D. Rose, DSN 2721
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TYPE II PERMIT NUMBER/EXPIRATION DATE 290248 10/16/2021	TELEPHONE NUMBER (636) 529-8210
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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: 100288
Version no: 532B

TEST RECORD 00561

Temp	Date	Time	a/ 210L
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Air Blank:
08/28/20 08:30 .000
Calibration Check:
20 08/28/20 08:30 .096

Subject Name

N/A

Subject I.D.

N/A

Operator Name, I.D.

ROSC 2121

Location

6th FCT.

AS IV Serial no: 100288
Version no: 532B

TEST RECORD 00562

Temp	Date	Time	a/ 210L
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Air Blank:
08/28/20 08:31 .000
Calibration Check:
20 08/28/20 08:31 .098

Subject Name

N/A

Subject I.D.

N/A

Operator Name, I.D.

ROSC 2121

Location

6th FCT.

AS IV Serial no: 100288
Version no: 532B

TEST RECORD 00563

Temp	Date	Time	a/ 210L
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Air Blank:
08/28/20 08:33 .000
Calibration Check:
21 08/28/20 08:33 .097

Subject Name

N/A

Subject I.D.

N/A

Operator Name, I.D.

ROSC 2121

Location

6th FCT.

AS IV Serial no: 100288
Version no: 532B

TEST RECORD 00564

Temp	Date	Time	a/ 210L
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VOID: RFI
12 08/28/20 08:35

Subject Name

N/A

Subject I.D.

N/A

Operator Name, I.D.

ROSC 2121

Location

6th FCT.



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: 25-Oct-2018

Lot # AG829708 Model 108cacd

Exp. Date

24-Oct-2020

Cyl. Type

108

Component

Ethanol
Nitrogen

Certified Concentration

0.100 ± 2% BrAC (272 ppm)
Balance

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

<u>Serial No.</u>	<u>Concentration</u>	<u>Serial No.</u>	<u>Concentration</u>
EB0010581	392.1 ppm	EB0010603	393.0 ppm
EB0010570	259.8 ppm	EB0010559	258.2 ppm
EB0010285	208.0 ppm	EB0010595	208.3 ppm
EB0010561	103.6 ppm	EB0010562	104.2 ppm
EB0010681	52.12 ppm	EB0010579	52.81 ppm

Analytical Method:

NDIR

Digitally signed by Quality Control
Date: 2018.10.25 14:13:39 -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



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

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PERMIT
TYPE II
DAVID M ROSE

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, INTOX DMT

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 10/16/2019



DIRECTOR OF STATE PUBLIC HEALTH LABORATORY

NUMBER 290248

EXPIRES 10/16/2021



DIRECTOR OF DEPARTMENT OF HEALTH AND SENIOR SERVICES