



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

RECEIVED
 By Tracy Crews at 9:11 am, Oct 03, 2022

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 111329	NAME OF AGENCY Missouri State Highway Patrol	DATE OF INSPECTION 10/03/2022
LOCATION OF INSTRUMENT (STREET AND CITY) Jasper County Sheriff Office 231 S. Main Street Carthage, MO 64836		TIME OF INSPECTION 3:45 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 # AG201102 EXP. DATE 01/11/2024

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 .080

TEST 2 .081

TEST 3 .081

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)	2	(.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
Sgt. Christopher Calvin #349

TYPE II PERMIT NUMBER/EXPIRATION DATE
220052/ 02/19/2024

TELEPHONE NUMBER
(417) 358-8177

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: 111329
Version no: 532B

TEST RECORD 00830

Temp Date Time ^{s/} 210L

Air Blank:
10/03/22 03:46 .000
Calibration Check:
22 10/03/22 03:46 .080

Subject Name

Acc Check #1

Subject I.D.

Sgt. Calvin #349

Operator Name, I.D.

220052-0219-24

Location

Carthage, Mo

AS IV Serial no: 111329
Version no: 532B

TEST RECORD 00831

Temp Date Time ^{s/} 210L

Air Blank:
10/03/22 03:49 .000
Calibration Check:
23 10/03/22 03:49 .081

Subject Name

Acc Check #2

Subject I.D.

Sgt. Calvin #349

Operator Name, I.D.

220052-0219-24

Location

Carthage, Mo

AS IV Serial no: 111329
Version no: 532B

TEST RECORD 00832

Temp Date Time ^{s/} 210L

Air Blank:
10/03/22 03:50 .000
Calibration Check:
23 10/03/22 03:50 .081

Subject Name

Acc Check #3

Subject I.D.

Sgt. Calvin #349

Operator Name, I.D.

220052-0219-24

Location

Carthage, Mo

AS IV Serial no: 111329
Version no: 532B

TEST RECORD 00833

Temp Date Time ^{s/} 210L

UID: RFI
12 10/03/22 03:52

Subject Name

RFI Test

Subject I.D.

Sgt. Calvin #349

Operator Name, I.D.

220052-0219-24

Location

Carthage, Mo



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



PERMIT
TYPE II
CHRISTOPHER CALVIN

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, INTOXILYZER 8000

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 2/19/2022

NUMBER 220052

EXPIRES 2/19/2024

Laura C. Day

DIRECTOR OF STATE PUBLIC HEALTH LABORATORY

Christopher Calvin

acting director
 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 CALVIN, CHRISTOPHER
 Permit No 220052
 Date Issued 2/19/2022 Date Expires 2/19/2024





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: 11-Jan-2022

Lot # AG201102 Model 55

Exp Date 11-Jan-2024	Cyl. Type 55	Component Ethanol Nitrogen	Certified Concentration 0.082 ± 0.002 BrAC (223 ppm)
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Certification Traceable to N.I.S.T. RGM and to CRM Ethanol Standards:

RGM Serial No.	Concentration	RGM Serial No.	Concentration
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

CRM Serial No.	Concentration	CRM Serial No.	Concentration
CC434668	800.0 ppm	0056649	390.1 ppm
CC234503	253.0 ppm	0056662	150.2 ppm

Analytical Method: NDIR

Digitally signed by:Quality Control
 Reason:Dry gas standard certification of analysis
 Location:Airgas USA LLC (Lab)
 Date:01.11.2022 18:23

Approved for Release: *Rod Marsala*
 Rod Marsala

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