



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

**RECEIVED**  
 By Tracy Crews at 8:26 am, Mar 22, 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 03/19/2022
LOCATION OF INSTRUMENT (STREET AND CITY) Jasper County Sheriff Office 231 S. Main Street Carthage, MO 64836		TIME OF INSPECTION 8:00 pm

**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**

<input type="checkbox"/> SIMULATOR SOLUTION	<input checked="" type="checkbox"/> COMPRESSED ETHANOL-GAS MIXTURE
<input checked="" type="checkbox"/> STANDARD SUPPLIER <u>Intoximeters</u>	LOT # <u>AG009202</u> EXP. DATE <u>04/01/2022</u>
<input type="checkbox"/> 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  .083	TEST 3  .083
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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)	(.10-.14)	1	(.15-.19)	4	(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).

<b>INSPECTING OFFICER</b>	
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 00761

Temp Date Time 210L  
s/

Air Blank:  
03/19/22 20:31 .000  
Calibration Check:  
21 03/19/22 20:31 .080

Subject Name

Acc Check #1

Subject I.D.

Chris Calvin #345

Operator Name, I.D.

220052-02-19-24

Location

231 S. Main St

Carthage, MO

AS IV Serial no: 111329  
Version no: 532B

TEST RECORD 00765

Temp Date Time 210L  
s/

VOID: RFI  
12 03/19/22 20:36

Subject Name

RFI Test

Subject I.D.

Chris Calvin #345

Operator Name, I.D.

220052-02-19-24

Location

231 S. Main St

Carthage, MO

AS IV Serial no: 111329  
Version no: 532B

TEST RECORD 00762

Temp Date Time 210L  
s/

Air Blank:  
03/19/22 20:32 .000  
Calibration Check:  
22 03/19/22 20:32 .083

Subject Name

Acc Check #2

Subject I.D.

Chris Calvin #345

Operator Name, I.D.

220052-02-19-24

Location

231 S. Main St

Carthage, MO

AS IV Serial no: 111329  
Version no: 532B

TEST RECORD 00763

Temp Date Time 210L  
s/

Air Blank:  
03/19/22 20:34 .000  
Calibration Check:  
22 03/19/22 20:34 .083

Subject Name

Acc Check #3

Subject I.D.

Chris Calvin #345

Operator Name, I.D.

220052-02-19-24

Location

231 S. Main St

Carthage, MO



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:** 2-Apr-2020

**Lot # AG009202 Model 55cacc**

<u>Exp. Date</u>	<u>Cyl. Type</u>	<u>Component</u>	<u>Certified Concentration</u>
1-Apr-2022	55	Ethanol	0.082 ± 0.002 BrAC (223 ppm)
		Nitrogen	Balance

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

<u>RGM Serial No.</u>	<u>Concentration</u>	<u>RGM 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

  

<u>CRM Serial No.</u>	<u>Concentration</u>	<u>CRM Serial No.</u>	<u>Concentration</u>
CC434668	800.0 ppm	0056649	390.1 ppm
CC234503	253.0 ppm	0056662	150.2 ppm

**Analytical Method:** NDIR

Digitally signed by Quality Control  
Date: 2020.04.02 20:00:41 -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



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 A. Wray*

DIRECTOR OF STATE PUBLIC HEALTH LABORATORY

*Christopher Calvin*

acting director  
 DIRECTOR OF DEPARTMENT OF HEALTH AND SENIOR SERVICES

LAB-4 (R6-10)

MO:580-0771 (6-10)

 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

