



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

RECEIVED
 By Tracy Crews at 7:54 am, Dec 27, 2021

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 12/26/2021
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LOCATION OF INSTRUMENT (STREET AND CITY) Jasper County Sheriff Office 231 S. Main Street Carthage, MO 64836	TIME OF INSPECTION 9:40 pm
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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)
- 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
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<input checked="" type="checkbox"/> STANDARD SUPPLIER Intoximeters	LOT # AG009202	EXP. DATE 04/01/2022
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<input type="checkbox"/> SIMULATOR TEMPERATURE (34°C ± 0.2°C)	SIM. SN	SIM. NIST EXP DATE
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- 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 ← .078	TEST 2 ← .078	TEST 3 ← .078
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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)	1	(.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).

INSPECTING OFFICER

SIGNATURE Sgt. Christopher Calvin #348 (JCSO)	PRINT NAME Sgt. Christopher Calvin #348 (JCSO)
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TYPE II PERMIT NUMBER/EXPIRATION DATE 200084/ 02-11-2022	TELEPHONE NUMBER (417) 358-8177
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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: 111329
Version no: 532B

TEST RECORD 00753

Temp Date Time ^{g/} 210L

Air Blank:
12/26/21 21:38 .000
Calibration Check:
22 12/26/21 21:38 .078

Subject Name

Acc Check #1

Subject I.D.

Chris Calvin #349

Operator Name, I.D.

200084 - 02-11-22

Location

Jasper County Sheriff

AS IV Serial no: 111329
Version no: 532B

TEST RECORD 00754

Temp Date Time ^{g/} 210L

Air Blank:
12/26/21 21:39 .000
Calibration Check:
22 12/26/21 21:39 .078

Subject Name

Acc Check #2

Subject I.D.

Chris Calvin #349

Operator Name, I.D.

200084 - 200084
02-11-22

Location

Jasper County Sheriff

AS IV Serial no: 111329
Version no: 532B

TEST RECORD 00755

Temp Date Time ^{g/} 210L

Air Blank:
12/26/21 21:41 .000
Calibration Check:
22 12/26/21 21:41 .078

Subject Name

Acc Check #3

Subject I.D.

Chris Calvin #349

Operator Name, I.D.

200084 - 02-11-22

Location

Jasper County Sheriff

AS IV Serial no: 111329
Version no: 532B

TEST RECORD 00756

Temp Date Time ^{g/} 210L

VOID: RFI
12 12/26/21 21:42

Subject Name

RFI Test

Subject I.D.

Chris Calvin #349

Operator Name, I.D.

200084 - 02-11-22

Location

Jasper County Sheriff



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** 55cacd

Exp. Date

1-Apr-2022

Cyl. Type

55

Component

Ethanol

Nitrogen

Certified Concentration

0.082 ± 0.002 BrAC (223 ppm)

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

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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 2/11/2020

NUMBER 200084

EXPIRES 2/11/2022

DIRECTOR OF STATE PUBLIC HEALTH LABORATORY

DIRECTOR OF DEPARTMENT OF HEALTH AND SENIOR SERVICES

MO 690-0771 (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 200084
Date Issued 2/11/2020 Date Expires 2/11/2022