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By Tracy Crews at 7:45 am, Jan 22, 2024



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 119733	NAME OF AGENCY Hollister PD	DATE OF INSPECTION 01/21/2024
LOCATION OF INSTRUMENT (STREET AND CITY) 240 Hollister Pointe Dr, Hollister, MO 65672		TIME OF INSPECTION 3:02 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

SIMULATOR SOLUTION COMPRESSED ETHANOL-GAS MIXTURE

STANDARD SUPPLIER Guth Labs LOT # 23180 EXP. DATE 05/18/2023

SIMULATOR TEMPERATURE (34°C ± 0.2°C) 42.0 SIM. SN SD2732 SIM. NIST EXP DATE 03/21/2024

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 ← .100

TEST 2 ← .100

TEST 3 ← .100

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)	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
David Brinegar

PRINT NAME
David Brinegar

TYPE II PERMIT NUMBER/EXPIRATION DATE
230042/ 03/27/2025

TELEPHONE NUMBER
(417) 334-3000

Return completed report to the: Breath Alcohol Program, MO Department of Health and Senior Services, Southeast District Office by mail, fax, or email.

January Maintenance

AS IV Serial no: 119733
Version no: 532C

TEST RECORD 00088

Temp Date Time ^{9/}210L

Air Blank:
01/21/24 15:12 .000
Calibration Check:
18 01/21/24 15:12 .100

Subject Name

Jan Maintenance

Subject I.D.

Test 1

Operator Name, I.D.

Brinegar 508

Location

240 Hollister Pointe Dr

Hollister, MO 65672

AS IV Serial no: 119733
Version no: 532C

TEST RECORD 00089

Temp Date Time ^{9/}210L

Air Blank:
01/21/24 15:17 .000
Calibration Check:
20 01/21/24 15:17 .100

Subject Name

Jan Maintenance

Subject I.D.

Test 2

Operator Name, I.D.

Brinegar 508

Location

240 Hollister Pointe Dr

Hollister, MO 65672

AS IV Serial no: 119733
Version no: 532C

TEST RECORD 00091

Temp Date Time ^{9/}210L

VOID: RFI
12 01/21/24 15:23

Subject Name

Jan Maintenance

Subject I.D.

RFI Test

Operator Name, I.D.

Brinegar 508

Location

240 Hollister Pointe Dr

Hollister, MO 65672

AS IV Serial no: 119733
Version no: 532C

TEST RECORD 00090

Temp Date Time ^{9/}210L

Air Blank:
01/21/24 15:21 .000
Calibration Check:
21 01/21/24 15:21 .100

Subject Name

Jan Maintenance

Subject I.D.

Test 3

Operator Name, I.D.

Brinegar 508

Location

240 Hollister Pointe Dr

Hollister, MO 65672



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: 8-Mar-2022

Lot # AG205902 Model 108

Exp Date 28-Feb-2024	Cyl. Type 108	Component Ethanol Nitrogen	Certified Concentration 0.080 ± 0.002 BrAC (208 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	391.8 ppm	EB0010603	392.5 ppm
EB0010570	259.8 ppm	EB0010559	258.9 ppm
EB0010285	209.0 ppm	EB0010562	104.2 ppm
EB0010561	103.7 ppm	EB0010579	52.94 ppm
EB0010681	52.22 ppm		

CRM Serial No.	Concentration	CRM Serial No.	Concentration
CC727481	800.0 ppm	CC727493	390.0 ppm
CC727496	253.0 ppm	CC727498	150.0 ppm

Analytical Method: NDIR

Digitally signed by: Quality Control
 Reason: Dry gas standard certification of analysis
 Location: Airgas USA LLC (Lab)
 Date: 03.09.2022 14:14

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



GUTH LABORATORIES, INC.

590 NORTH 67th STREET • HARRISBURG, PA 17111-4511 • TELEPHONE: 717-664-6470

CERTIFICATE OF ANALYSIS

Certified Alcohol Reference Solution for Simulator

Random Samples of Lot Number **23180** of Alcohol Reference Solution for Simulator were analyzed by gas chromatography on **May 18, 2023**, using a Perkin Elmer Gas Chromatograph Autosystem XL S/N: 610N9030209, and found to contain **0.1220%** (w/vol) ethyl alcohol. The expiration date for this lot number is **May 17, 2025** at 11:59 PM.

When used in a calibrated Simulator, operating at $34^{\circ}\text{C} \pm .2^{\circ}\text{C}$, this solution will give a breath alcohol analysis instrument reading of **0.100 g/210L \pm 3%**.

The alcohol and water used in this solution were free of test interfering substances.

Ted L. Pauley, President
GUTH LABORATORIES, INC.

NIST Traceability:

Testing was conducted using Cerilliant Reference Standard lot number FN1172002 whose values are traceable to NIST.

All balances are calibrated annually by an outside agency using NIST traceable weights. Calibration verification is done prior to each use utilizing NIST traceable weights.



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

2

**PERMIT
TYPE II**

DAVID W. BRINEGAR

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 3/27/2023

Mike Mason

DIRECTOR OF STATE PUBLIC HEALTH LABORATORY

NUMBER 230042

David J. Nielson

DIRECTOR OF DEPARTMENT OF HEALTH AND SENIOR SERVICES

EXPIRES 3/27/2025

MO 680-0771 (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 **BRINEGAR, DAVID**
Permit No **230042**
Date issued **3/27/2023** Date Expires **3/27/2025**

