



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

RECEIVED
 By Tracy Crews at 3:48 pm, Jan 20, 2023

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 087978	NAME OF AGENCY Owensville PD	DATE OF INSPECTION 01/15/2023
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LOCATION OF INSTRUMENT (STREET AND CITY) 780 West Highway 28 Owensville	TIME OF INSPECTION 10:48 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)

PRINTER WORKING PROPERLY

TIME AND DATE DISPLAYING PROPERLY

BREATH ALCOHOL ACCURACY STANDARDS

SIMULATOR SOLUTION COMPRESSED ETHANOL-GAS MIXTURE

STANDARD SUPPLIER Guth Laboratories LOT # 22310 EXP. DATE 08/11/2024

SIMULATOR TEMPERATURE (34°C ± 0.2°C) 34.0 SIM. SN SD 2300 SIM. NIST EXP DATE 10/24/2023

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 .104	TEST 2 .103	TEST 3 .103
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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)	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).

Instrument operating satisfactorily and within established limits.

INSPECTING OFFICER

SIGNATURE 	PRINT NAME Jonathan Scott Griffith
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TYPE II PERMIT NUMBER/EXPIRATION DATE 210100/05-18-2023	TELEPHONE NUMBER (573) 437-2195
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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: 087978
Version no: 532B

TEST RECORD 00694

Temp Date Time ^{g/} 210L

Air Blank:
01/15/23 10:48 .000
Subject Test: Auto
22 01/15/23 10:48 .000

Subject Name

Subject I.D.

Blank Test
Operator Name, I.D.
GRIFFITH 104
Location
Owensville PD

AS IV Serial no: 087978
Version no: 532B

TEST RECORD 00695

Temp Date Time ^{g/} 210L

Air Blank:
01/15/23 10:51 .000
Calibration Check:
22 01/15/23 10:51 .104

Subject Name

Subject I.D.

Check 1
Operator Name, I.D.
GRIFFITH 104
Location
Owensville PD

AS IV Serial no: 087978
Version no: 532B

TEST RECORD 00696

Temp Date Time ^{g/} 210L

Air Blank:
01/15/23 10:54 .000
Calibration Check:
23 01/15/23 10:54 .103

Subject Name

Subject I.D.

Check 2
Operator Name, I.D.
GRIFFITH 104
Location
Owensville PD

AS IV Serial no: 087978
Version no: 532B

TEST RECORD 00697

Temp Date Time ^{g/} 210L

Air Blank:
01/15/23 10:56 .000
Calibration Check:
23 01/15/23 10:56 .103

Subject Name

Subject I.D.

Check 3
Operator Name, I.D.
GRIFFITH 104
Location
Owensville PD

AS IV Serial no: 087978
Version no: 532B

TEST RECORD 00698

Temp Date Time ^{g/} 210L

VOID: RFI
12 01/15/23 10:58

Subject Name

Subject I.D.

Check-RFI
Operator Name, I.D.
GRIFFITH 104
Location
Owensville PD



GUTH LABORATORIES, INC.

590 NORTH 67th STREET • HARRISBURG, PA 17111-4511 • TELEPHONE: 717-564-5470

CERTIFICATE OF ANALYSIS

Certified Alcohol Reference Solution for Simulator

Random Samples of Lot Number **22310** of Alcohol Reference Solution for Simulator were analyzed by gas chromatography on **August 16, 2022**, using a Perkin Elmer Gas Chromatograph Autosystem XL S/N: 610N9030209, and found to contain **0.1205%** (w/vol) ethyl alcohol. The expiration date for this lot number is **August 11, 2024** 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 FN03052002 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

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PERMIT
TYPE II
JONATHAN S. GRIFFITH

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

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 5/18/2021


NUMBER 210100

EXPIRES 5/18/2023

MO 580-0771 (6-10)



 DIRECTOR OF STATE PUBLIC HEALTH LABORATORY



 DIRECTOR OF DEPARTMENT OF HEALTH AND SENIOR SERVICES

LAB-4 (R6-10)