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By Tracy Crews at 7:15 am, Mar 14, 2023



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 105448 / Printer 09B.3591.016	NAME OF AGENCY Clinton P.D.	DATE OF INSPECTION 03/13/2023
LOCATION OF INSTRUMENT (STREET AND CITY) 101 East Ohio Street, Clinton, MO 64735		TIME OF INSPECTION 9:50 a.m.

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, Inc. LOT # 22310 EXP. DATE 8/11/2024

SIMULATOR TEMPERATURE (34°C ± 0.2°C) 34.0 SIM. SN SD3509 SIM. NIST EXP DATE 07/19/2023

- 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 .100 TEST 2 .099 TEST 3 .098

- 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

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).

1) Changed Date/TIME for Daylight savings time, forward 1 hour.

2) Conducted calibration

3) Added print paper

INSPECTING OFFICER

SIGNATURE PRINT NAME **Michael Nelson**

TYPE II PERMIT NUMBER/EXPIRATION DATE **220186 / 07-22-2024** TELEPHONE NUMBER (660) 885-2679

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: 105448
Version no: 532B

TEST RECORD 01694

Temp Date Time 210L ^{s/}

Air Blank:
03/13/23 09:50 .000
Calibration:
23 03/13/23 09:50 .100

Subject Name

Calibration

Subject I.D.

N/A

Operator Name, I.D.

M. Nelson #220186

Location

Clinton P.D.
101 E. Ohio St.
Clinton, MO 64735

AS IV Serial no: 105448
Version no: 532B

TEST RECORD 01695

Temp Date Time 210L ^{s/}

Air Blank:
03/13/23 10:02 .000
Calibration Check:
23 03/13/23 10:02 .100

Subject Name

Test #1

Subject I.D.

N/A

Operator Name, I.D.

M. Nelson #220186

Location

Clinton P.D.
101 E. Ohio St.
Clinton, MO 64735

AS IV Serial no: 105448
Version no: 532B

TEST RECORD 01696

Temp Date Time 210L ^{s/}

Air Blank:
03/13/23 10:05 .000
Calibration Check:
24 03/13/23 10:05 .099

Subject Name

Test #2

Subject I.D.

N/A

Operator Name, I.D.

M. Nelson #220186

Location

Clinton P.D.
101 E. Ohio St.
Clinton, MO 64735

AS IV Serial no: 105448
Version no: 532B

TEST RECORD 01697

Temp Date Time 210L ^{s/}

Air Blank:
03/13/23 10:08 .000
Calibration Check:
24 03/13/23 10:08 .098

Subject Name

Test #3

Subject I.D.

N/A

Operator Name, I.D.

M. Nelson #220186

Location

Clinton P.D.
101 E. Ohio St.
Clinton, MO 64735

AS IV Serial no: 105448
Version no: 532B

TEST RECORD 01698

Temp Date Time 210L ^{s/}

VOID: RFI
12 03/13/23 10:10

Subject Name

RFI

Subject I.D.

N/A

Operator Name, I.D.

M. Nelson #220186

Location

Clinton P.D.
101 E. Ohio St.
Clinton, MO 64735

AS IV Serial no: 105448
Version no: 532B

TEST RECORD 01699

Temp Date Time 210L ^{s/}

Air Blank:
03/13/23 10:12 .000
Subject Test: Auto
24 03/13/23 10:12 .000

Subject Name

Self Test

Subject I.D.

N/A

Operator Name, I.D.

M. Nelson #220186

Location

Clinton P.D.
101 E. Ohio St.
Clinton, MO 64735



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**

MICHAEL S. NELSON

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 ... 7/22/2022

NUMBER 220186

EXPIRES 7/22/2024

Mike Mason

DIRECTOR OF STATE PUBLIC HEALTH LABORATORY

David L. Nielson

DIRECTOR OF DEPARTMENT OF HEALTH AND SENIOR SERVICES

LAB-4 (R6-10)

MO 680-0771 (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 **NELSON, MICHAEL**

Permit No **220186**

Date Issued **7/22/2022** Date Expires **7/22/2024**

