



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

RECEIVED
 by Tracy Dwyer at 9:07 am, Mar 24

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 108268	NAME OF AGENCY St. Charles City PD	DATE OF INSPECTION 3-23-2023
LOCATION OF INSTRUMENT (STREET AND CITY) 1781 Zumbeli Rd. St. Charles		TIME OF INSPECTION 11:00 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

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) _____ 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 .101	TEST 2 .102	TEST 3 .102
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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) 1	(OVER .19) 4
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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).

Recalibrated to .100.

INSPECTING OFFICER

SIGNATURE 397	PRINT NAME Sgt. Kenneth Enz
TYPE II PERMIT NUMBER/EXPIRATION DATE 210120 6/4/2023	TELEPHONE NUMBER 1036-949-3300

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



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

2

PERMIT
TYPE II
KENNETH ENZ

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 EC/IR II

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 6/4/2021

NUMBER 210120

EXPIRES 6/4/2023

DIRECTOR OF STATE PUBLIC HEALTH LABORATORY

DIRECTOR OF DEPARTMENT OF HEALTH AND SENIOR SERVICES

MO 580-0771 (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 ENZ, KENNETH
Permit No 210120
Date Issued 6/4/2021 **Date Expires** 6/4/2023



AS IV Serial no: 108268
Version no: 532B

TEST RECORD 01007

Temp Date Time ^{s/} 210L

Air Blank:
03/23/23 23:00 .000
Calibration:
23 03/23/23 23:00 .100

Subject Name

Recalibrated

Subject I.D.

Operator Name, I.D.

Enz

Location

1781 Zumbeli Rd.

AS IV Serial no: 108268
Version no: 532B

TEST RECORD 01008

Temp Date Time ^{s/} 210L

Air Blank:
03/23/23 23:05 .000
Calibration Check:
23 03/23/23 23:05 .101

Subject Name

Test 1

Subject I.D.

Operator Name, I.D.

Enz 210120

Location

1781 Zumbeli Rd.

AS IV Serial no: 108268
Version no: 532B

TEST RECORD 01009

Temp Date Time ^{s/} 210L

Air Blank:
03/23/23 23:06 .000
Calibration Check:
23 03/23/23 23:06 .102

Subject Name

Test 2

Subject I.D.

Operator Name, I.D.

Enz 210120

Location

1781 Zumbeli Rd.

AS IV Serial no: 108268
Version no: 532B

TEST RECORD 01010

Temp Date Time ^{s/} 210L

Air Blank:
03/23/23 23:08 .000
Calibration Check:
24 03/23/23 23:08 .102

Subject Name

Test 3

Subject I.D.

Operator Name, I.D.

Enz 210120

Location

1781 Zumbeli Rd.

AS IV Serial no: 108268
Version no: 532B

TEST RECORD 01011

Temp Date Time ^{s/} 210L

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

Subject Name

RFI check

Subject I.D.

Operator Name, I.D.

Enz 210120

Location

1781 Zumbeli Rd.