



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 087974	PRINTER SN 08C.35556.372	DATE OF INSPECTION 07/11/2023
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LOCATION OF INSTRUMENT (STREET AND CITY) Oregon County Sheriff's Office	TIME OF INSPECTION 4:01 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

SIMULATOR SOLUTION COMPRESSED ETHANOL-GAS MIXTURE

STANDARD SUPPLIER Guth Lab LOT # 23180 EXP. DATE 05/17/2025

SIMULATOR TEMPERATURE (34°C ± 0.2°C) 34 SIMULATOR SN MP6537 SIMULATOR EXP DATE 05/23/2024

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 ← .097	TEST 2 ← .097	TEST 3 ← .096
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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-.04) (.05-.09) (.10-.14) (.15-.19) (OVER .19)

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 <i>J.A. Martin 4064</i>	PRINT NAME J.A. Martin 4064
TYPE II PERMIT NUMBER/EXPIRATION DATE 230107 05/30/2025	TELEPHONE NUMBER (417) 778-6611

Return completed report to the: Breath Alcohol Program, MO Department of Health and Senior Services, Southeast District Office
2875 James Boulevard
Poplar Bluff, MO 63901

AS IV Serial no: 087974
Version no: 532B

TEST RECORD 00265

Temp Date Time 210L
VOID: RFI
12 07/11/23 16:57

Subject Name

Maintenance

Subject I.D.

Maintenance R.F.I

Operator Name, I.D.

J.A. Martin 4464 250107

Location

Oregon County S.O.

AS IV Serial no: 087974
Version no: 532B

TEST RECORD 00264

Temp Date Time 210L
Air Blank: 07/11/23 16:55 .000
Calibration Check: 30 07/11/23 16:55 .096

Subject Name

Maintenance

Subject I.D.

Maintenance TEST 3

Operator Name, I.D.

J.A. Martin 4464 250107

Location

Oregon County S.O.

AS IV Serial no: 087974
Version no: 532B

TEST RECORD 00263

Temp Date Time 210L
Air Blank: 07/11/23 16:53 .000
Calibration Check: 30 07/11/23 16:53 .097

Subject Name

Maintenance

Subject I.D.

Maintenance TEST 2

Operator Name, I.D.

J.A. Martin 4464 250107

Location

Oregon County S.O.

AS IV Serial no: 087974
Version no: 532B

TEST RECORD 00262

Temp Date Time 210L
Air Blank: 07/11/23 16:51 .000
Calibration Check: 30 07/11/23 16:51 .097

Subject Name

Maintenance

Subject I.D.

Maintenance TEST 1

Operator Name, I.D.

J.A. Martin 4464 250107

Location

Oregon County S.O.



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 **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 $34^{\circ}\text{C} \pm 0.2^{\circ}\text{C}$, 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 FN11172002 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



PERMIT
TYPE II
JAMES A. MARTIN

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 5/30/2023

NUMBER 230107

EXPIRES 5/30/2025

Mike Masson

DIRECTOR OF STATE PUBLIC HEALTH LABORATORY

Paula F. Nielson

DIRECTOR OF DEPARTMENT OF HEALTH AND SENIOR SERVICES

LAB-4 (RS-10)

MO 580-0771 (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 MARTIN, JAMES
 Permit No 230107
 Date Issued 5/30/2023 Date Expires 5/30/2025

