



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 097413	NAME OF AGENCY CALVERTON PARK	DATE OF INSPECTION 10/13/2021
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LOCATION OF INSTRUMENT (STREET AND CITY) 52 YOUNG DR, CALVERTON PARK MO 63135	TIME OF INSPECTION 17:15
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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 # 21190 EXP. DATE 06/08/2023

SIMULATOR TEMPERATURE (34°C ± 0.2°C) 34C SIM. SN SD3327 SIM. NIST EXP DATE 07/13/2022

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 ← .096

TEST 2 ← .098

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
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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 ▶	PRINT NAME LOWELL MOORE
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TYPE II PERMIT NUMBER/EXPIRATION DATE 210072 04/06/2022	TELEPHONE NUMBER (314) 524-1212
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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: 097413
Version no: 532B

TEST RECORD 00442

Temp Date Time 210L

Air Blank: 10/13/21 17:15 .000

Calibration Check: 18 10/13/21 17:15 .096

Subject Name Test 1

Subject I.D. L Moore 21002

Operator Name, I.D. Salyers

Location Salyers

AS IV Serial no: 097413
Version no: 532B

TEST RECORD 00443

Temp Date Time 210L

Air Blank: 10/13/21 17:17 .000

Calibration Check: 19 10/13/21 17:17 .099

Subject Name Test 2

Subject I.D. L Moore 21002

Operator Name, I.D. Salyers

Location Salyers

AS IV Serial no: 097413
Version no: 532B

TEST RECORD 00444

Temp Date Time 210L

Air Blank: 10/13/21 17:19 .000

Calibration Check: 20 10/13/21 17:19 .098

Subject Name Test 3

Subject I.D. L Moore 21002

Operator Name, I.D. Salyers

Location Salyers

RFI

AS IV Serial no: 097413
Version no: 532B

TEST RECORD 00445

Temp Date Time 210L

VOID: RFI
12 10/13/21 17:20

Subject Name RFI
L Moore

Subject I.D. L Moore 21002
Operator Name, I.D. Salyers

Location Salyers

2

3

**GUTH LABORATORIES, INC.**

590 NORTH 67th STREET • HARRISBURG, PA 17111-4611 • TELEPHONE: 717-554-5470

CERTIFICATE OF ANALYSIS**Certified Alcohol Reference Solution for Simulator**

Random Samples of Lot Number **21190** of Alcohol Reference Solution for Simulator were analyzed by gas chromatography on **June 9, 2021**, using a Perkin Elmer Gas Chromatograph Autosystem XL S/N: 610N9030209, and found to contain **0.1206%** (w/vol) ethyl alcohol. The expiration date for this lot number is **June 8, 2023** at 11:59 PM.

When used in a calibrated Simulator, operating at 34°C +/- .2°C, this solution will give a breath alcohol analysis instrument reading of **0.100 g/210L +/- 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



PERMIT
TYPE II
LOWELL MOORE

is hereby authorized to instruct and supervise operators, train instructors; inspect, calibrate, perform field service and repairs, 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.

ISSUED 4/6/2021

NUMBER 210072

EXPIRES 4/6/2023

00771 (8-10)

DIRECTOR OF STATE PUBLIC HEALTH LABORATORY

DIRECTOR OF DEPARTMENT OF HEALTH AND SENIOR SERVICES

LAB-4 (85-10)

 **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 **MOORE, LOWELL**
Permit No **210072**
Date Issued **4/6/2021** Date Expires **4/6/2023**

