



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	PRINTER SN 096.3580.867	DATE OF INSPECTION 03/16/2020
LOCATION OF INSTRUMENT (STREET AND CITY) 52 YOUNG DR CALVERTON PARK MO 63135		TIME OF INSPECTION 3:08 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 LOT # 19160 EXP. DATE 07/09/2021
- SIMULATOR TEMPERATURE (34°C ± 0.2°C) 34 SIMULATOR SN SD3327 SIMULATOR EXP DATE 07/09/2020

- 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 .100	TEST 3 .101
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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)	1	(.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
TYPE II PERMIT NUMBER/EXPIRATION DATE 200061 01/14/2022	TELEPHONE NUMBER (314) 524-1212

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

S097413

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1

AS IV Serial no: 097413
Version no: 532B

TEST RECORD 00358

TEMP	Date	Time	s/	210L

Air Blank:
03/16/20 15:08 .000
Calibration Check:
21 03/16/20 15:08 .100

Subject Name

Test 1

Subject I.D.

L. Moore 200061

Operator Name, I.D.

Sd Young

Location

AS IV Serial no: 097413
Version no: 532B

TEST RECORD 00359

TEMP	Date	Time	s/	210L

Air Blank:
03/16/20 15:10 .000
Calibration Check:
22 03/16/20 15:10 .100

Subject Name

Test 2

Subject I.D.

L. Moore 26001

Operator Name, I.D.

Sd Young

Location

AS IV Serial no: 097413
Version no: 532B

TEST RECORD 00360

TEMP	Date	Time	s/	210L

Air Blank:
03/16/20 15:12 .000
Calibration Check:
22 03/16/20 15:12 .101

Subject Name

Test 3

Subject I.D.

L. Moore 26001

Operator Name, I.D.

Sd Young

Location

RFI

AS IV Serial no: 097413
Version no: 532B

TEST RECORD 00362

TEMP	Date	Time	s/	210L

VOID: NPI

12 03/16/20 15:16

Subject Name

RFI

Subject I.D.

L. Moore 200061

Operator Name, I.D.

Sd Young

Location

2

3



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 **19160** of Alcohol Reference Solution for Simulator were analyzed by gas chromatography on **July 10, 2019**, using a Perkin Elmer Gas Chromatograph Autosystem XL S/N: 610N9030209, and found to contain **0.1202%** (w/vol) ethyl alcohol. The expiration date for this lot number is **July 9, 2021** 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 FN04271602 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 J MOORE

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 1/14/2020

NUMBER 200061

EXPIRES 1/14/2022

DIRECTOR OF STATE PUBLIC HEALTH LABORATORY

DIRECTOR OF DEPARTMENT OF HEALTH AND SENIOR SERVICES

MO 580-0771 (6-10)

LAB-4 (R8-10)



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: 200061
Date Issued: 1/14/2020 Date Expires: 1/14/2022

