



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 097422 | NAME OF AGENCY Newton County Sheriff's Office | DATE OF INSPECTION 01/29/2021 |
| LOCATION OF INSTRUMENT (STREET AND CITY) 208 W. Coler Street Neosho, MO 64850 | | TIME OF INSPECTION 10:37 am |

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 # 20420 EXP. DATE 09/22/2022

SIMULATOR TEMPERATURE (34°C ± 0.2°C) 34.0 SIM. SN DR6930 SIM. NIST EXP DATE 11/02/2021

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 .101 | TEST 3 .102 |
|--------------|--------------|--------------|

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 | PRINT NAME Joshua Fort |
| TYPE II PERMIT NUMBER/EXPIRATION DATE 200125 03/09/2022 | TELEPHONE NUMBER (417) 451-8300 |

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

AS 10 Serial not 897472
Version not 502B

TEST RECORD 88413

Temp Date Time 2100

for Blank
01/27/21 18:37 .80
Calibration Check
01/27/21 18:37 .10

Subst Name

Test

#1

Operator Name, I.D.

Joshua Fort 200125

Exp. 3/9/22

208 W. Coler St

Neosho, Mo 64850

AS 10 Serial not 897472
Version not 502B

TEST RECORD 88412

Temp Date Time 2100

for Blank
01/27/21 18:39 .80
Calibration Check
01/27/21 18:39 .10

Subst Name

Test

#2

Operator Name, I.D.

Joshua Fort 200125

Exp. 3/9/22

208 W. Coler St

Neosho, Mo 64850

AS 10 Serial not 897472
Version not 502B

TEST RECORD 88413

Temp Date Time 2100

for Blank
01/27/21 18:40 .80
Calibration Check
01/27/21 18:40 .10

Subst Name

Test

#3

Operator Name, I.D.

Joshua Fort 200125

Exp. 3/9/22

208 W. Coler St

Neosho, Mo 64850

AS 10 Serial not 897472
Version not 502B

TEST RECORD 88414

Temp Date Time 2100

for Blank
01/27/21 18:42

Subst Name

Test

RFI

Operator Name, I.D.

Joshua Fort 200125

Exp. 3/9/22

208 W. Coler St

Neosho, Mo 64850

AS 10 Serial not 897472
Version not 502B

TEST RECORD 88415

Temp Date Time 2100

for Blank
01/27/21 18:44 .80
Subst Name Info
01/27/21 18:44 .80

Subst Name

Test

Blank

Operator Name, I.D.

Joshua Fort 200125

Exp. 3/9/22

208 W. Coler St

Neosho, Mo 64850



GUTH LABORATORIES, INC.

590 NORTH 67th STREET • HARRISBURG, PA 17111-4611 • TELEPHONE: 717-564-5470

CERTIFICATE OF ANALYSIS

Certified Alcohol Reference Solution for Simulator

Random Samples of Lot Number 20420 of Alcohol Reference Solution for Simulator were analyzed by gas chromatography on September 23, 2020, using a Perkin Elmer Gas Chromatograph Autosystem XL S/N: 610N9030209, and found to contain 0.1208% (w/vol) ethyl alcohol. The expiration date for this lot number is September 22, 2022 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

2

PERMIT
TYPE II
JOSHUA FORT

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 alcohol content of blood from a sample of expired air. Permit issued under the provisions of sections 877.020 through 877.041, RSMo and 808.111 through 808.119 RSMo.

DATE 3/9/2020

NUMBER 200125

EXPIRES 3/9/2022

[Signature]

DIRECTOR OF STATE PUBLIC HEALTH LABORATORY

[Signature]

DIRECTOR OF DEPARTMENT OF HEALTH AND SENIOR SERVICES

LAB-6-10-10

MOB60-0771 (0-10)

STATE OF MISSOURI
 DEPARTMENT OF HEALTH AND SENIOR SERVICES
 BREATH ALCOHOL PROGRAM

INSTRUMENT OPERATOR CARD

The permit holder is authorized to operate an analyzer brand model
 for the determination of the alcohol content in breath from a sample of
 expired air.

Operator: **FORT, JOSHUA**
 Instrument No: **200125**
 Issue Number: **200020** Date Issued: **3/9/2020**

[Barcode]