



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

RECEIVED
 BY: Tracy Drenth on 01/19/2021

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 111779	PRINTER SN 09B.3589.547	DATE OF INSPECTION 01/19/2021
LOCATION OF INSTRUMENT (STREET AND CITY) Stone County Jail Galena MO		TIME OF INSPECTION 14:00

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 LOT # 20190 EXP. DATE 04/06/2022

SIMULATOR TEMPERATURE (34°C ± 0.2°C) 34.0 SIMULATOR SN SD2282 SIMULATOR EXP DATE 12/01/2021

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 .097

TEST 2 .097

TEST 3 .097

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) 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).
 Monthly Maint.

INSPECTING OFFICER

SIGNATURE ▶	PRINT NAME Dep. Kyle Stults
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TYPE II PERMIT NUMBER/EXPIRATION DATE 290292 12/16/2021	TELEPHONE NUMBER (417) 368-4888
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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

B

AS IV Serial no: 111779
Version no: 532B

TEST RECORD 88361

Temp Date Time ^{g/} 216L

Air Blank:
01/19/21 14:08 .888
Calibration Check:
24 01/19/21 14:08 .888

Subject Name

Monthly Maint

Subject I.D.

Self test

Operator Name, I.D.

Kyle Stults 290292

Location

Stone Co Jail

AS IV Serial no: 111779
Version no: 532B

TEST RECORD 88362

Temp Date Time ^{g/} 216L

Air Blank:
01/19/21 14:02 .888
Calibration Check:
24 01/19/21 14:02 .897

Subject Name

Monthly Maint

Subject I.D.

Test 1

Operator Name, I.D.

Kyle Stults 290292

Location

Stone Co Jail

AS IV Serial no: 111779
Version no: 532B

TEST RECORD 88363

Temp Date Time ^{g/} 216L

Air Blank:
01/19/21 14:05 .888
Calibration Check:
24 01/19/21 14:05 .897

Subject Name

Monthly Maint

Subject I.D.

Test 2

Operator Name, I.D.

Kyle Stults 290292

Location

Stone Co Jail

AS IV Serial no: 111779
Version no: 532B

TEST RECORD 88364

Temp Date Time ^{g/} 216L

Air Blank:
01/19/21 14:07 .888
Calibration Check:
24 01/19/21 14:07 .897

Subject Name

Monthly Maint

Subject I.D.

Test 3

Operator Name, I.D.

Kyle Stults 290292

Location

Stone Co Jail

AS IV Serial no: 111779
Version no: 532B

TEST RECORD 88365

Temp Date Time ^{g/} 216L

VOID: RFI
12 01/19/21 14:11

Subject Name

Monthly Maint

Subject I.D.

RFI

Operator Name, I.D.

Kyle Stults 290292

Location

Stone Co Jail

Monthly Maint
Stone Co Sheriff's Office
Rep. Kyle Stults
Permit # 290292
Exp: 12/16/2021



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 **20190** of Alcohol Reference Solution for Simulator were analyzed by gas chromatography on **April 8, 2020**, 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 **April 6, 2022** 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 FN02271802 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
 KYLE G STULTS

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 12/16/2019

NUMBER 290292

EXPIRES 12/16/2021

DIRECTOR OF STATE PUBLIC HEALTH LABORATORY

DIRECTOR OF DEPARTMENT OF HEALTH AND SENIOR SERVICES

MO 500-0771 (6-10)

LAB-4 (16-10)

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 **STULTS, KYLE**
 Permit No **290292**
 Date Issued **12/16/2019** Date Expires **12/16/2021**