



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

RECEIVED  
 BY: Tracy Christensen at 8:38am, Mar 03, 2020

4

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 097443	PRINTER SN 096.3580.953	DATE OF INSPECTION 03/03/2020
LOCATION OF INSTRUMENT (STREET AND CITY) Stone County Jail Galena MO		TIME OF INSPECTION 4:26

**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 # 19160 EXP. DATE 07/09/2020

SIMULATOR TEMPERATURE (34°C ± 0.2°C) 34.0 SIMULATOR SN SD2282 SIMULATOR EXP DATE 11/20/2020

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 .095

TEST 2 .095

TEST 3 .095

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
----------	---	---------	---	-----------	---	-----------	---	-----------	---	------------	---

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

TYPE II PERMIT NUMBER/EXPIRATION DATE  
290292 12/16/2021

TELEPHONE NUMBER  
(417) 368-4888

**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

A

# Self Test

AS IV Serial no: 097443  
Version no: 532B

TEST RECORD 00974

Temp	Date	Time	s/ 210L
Air Blank:			
	03/03/20	16:26	.000
Calibration Check:			
	21 03/03/20	16:26	.000

Subject Name  
Monthly Maint

Subject I.D.  
Self Test

Operator Name, I.D.  
Kyle Stults 290292

Location  
Stone Co Jail

A

# Test 1

AS IV Serial no: 097443  
Version no: 532B

TEST RECORD 00975

Temp	Date	Time	s/ 210L
Air Blank:			
	03/03/20	16:28	.000
Calibration Check:			
	22 03/03/20	16:28	.095

Subject Name  
Monthly Maint

Subject I.D.  
Test 1

Operator Name, I.D.  
Kyle Stults 290292

Location  
Stone Co Jail

# Test 2

AS IV Serial no: 097443  
Version no: 532B

TEST RECORD 00976

Temp	Date	Time	s/ 210L
Air Blank:			
	03/03/20	16:30	.000
Calibration Check:			
	23 03/03/20	16:30	.095

Subject Name  
Monthly Maint

Subject I.D.  
Test 2

Operator Name, I.D.  
Kyle Stults 290292

Location  
Stone Co Jail

# Test 3

AS IV Serial no: 097443  
Version no: 532B

TEST RECORD 00977

Temp	Date	Time	s/ 210L
Air Blank:			
	03/03/20	16:32	.000
Calibration Check:			
	23 03/03/20	16:32	.095

Subject Name  
Monthly Maint

Subject I.D.  
Test 3

Operator Name, I.D.  
Kyle Stults 290292

Location  
Stone Co Jail

# RFI

AS IV Serial no: 097443  
Version no: 532B

TEST RECORD 00978

Temp	Date	Time	s/ 210L
VOID: RFI			
	12 03/03/20	16:34	

Subject Name  
Monthly Maint

Subject I.D.  
RFI Test

Operator Name, I.D.  
Kyle Stults 290292

Location  
Stone Co Jail

03/03/2020

Monthly Maint  
Stone County Sheriff's Office  
Dep. Kyle Stults  
Permit # 290292  
Exp Date: 12/16/2021



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



**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 580-0771 (6-10)

LAB-4 (R6-10)

**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**



## GUTH LABORATORIES, INC.

590 NORTH 67th STREET • HARRISBURG, PA 17111-4511 • TELEPHONE: 717-664-5470

### 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°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 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.*