



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

RECEIVED
 by Tracy Dwyer at 7:57 am, June 18, 2020

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 06-17-2020
LOCATION OF INSTRUMENT (STREET AND CITY) Stone County Jail Galena MO		TIME OF INSPECTION 1353

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 # 18070 EXP. DATE 07-09-21

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 .096 TEST 2 .096 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-.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 Sgt. Mark Rinker
TYPE II PERMIT NUMBER/EXPIRATION DATE 200156 /04/16/2022	TELEPHONE NUMBER (417) 357-2044

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

Saf

AS IV Serial no: 111779
Version no: 532B

TEST RECORD 00302

Temp Date Time ^{s/} 210L

Air Blank:
06/17/20 13:53 .000
Subject Test: Auto
22 06/17/20 13:53 .000

Subject Name

Monthly MAINT

Subject I.D.

Saf TEST

Operator Name, I.D.

MARK RUCKER 2001Z
Location

STONE Co Jail

TEST 1

AS IV Serial no: 111779
Version no: 532B

TEST RECORD 00303

Temp Date Time ^{s/} 210L

Air Blank:
06/17/20 13:55 .000
Calibration Check:
22 06/17/20 13:55 .006

Subject Name

Monthly MAINT

Subject I.D.

TEST 1

Operator Name, I.D.

MARK RUCKER 2001Z
Location

STONE Co Jail

TEST 2

AS IV Serial no: 111779
Version no: 532B

TEST RECORD 00304

Temp Date Time ^{s/} 210L

Air Blank:
06/17/20 13:59 .000
Subject Test: Man
23 06/17/20 13:59 .006

Subject Name

Monthly MAINT

Subject I.D.

TEST 2

Operator Name, I.D.

MARK RUCKER 2001Z
Location

STONE Co Jail

TEST 3

AS IV Serial no: 111779
Version no: 532B

TEST RECORD 00305

Temp Date Time ^{s/} 210L

Air Blank:
06/17/20 14:02 .000
Subject Test: Auto
23 06/17/20 14:02 .005

Subject Name

Monthly MAINT

Subject I.D.

TEST 3

Operator Name, I.D.

MARK RUCKER 2001Z
Location

STONE Co Jail

RFI

AS IV Serial no: 111779
Version no: 532B

TEST RECORD 00306

Temp Date Time ^{s/} 210L

VOID: PSI
12 06/17/20 14:07

Subject Name

Monthly MAINT

Subject I.D.

RFI TEST

Operator Name, I.D.

MARK RUCKER 2001Z
Location

STONE Co Jail

Monthly MAINT

6/17/20

SGT. MARK RUCKER

STONE Co Sheriff's office

Permit # 200156

Exp. DATE 4/10/2022



GUTH LABORATORIES, INC.

590 NORTH 67th STREET • HARRISBURG, PA 17111-4511 • TELEPHONE: 717-664-6470

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

2

PERMIT
TYPE II
MARK RINKER

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 4/10/2020

NUMBER 200156

EXPIRES 4/10/2022

MO 580-0771 (6-10)

DIRECTOR OF STATE PUBLIC HEALTH LABORATORY

DIRECTOR OF DEPARTMENT OF HEALTH AND SENIOR SERVICES

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 RINKER, MARK
 Permit No 200156
 Date Issued 4/10/2020 Date Expires 4/10/2022