



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

RECEIVED
07/22/2021 08:36 am

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 11647	NAME OF AGENCY NORMANDY PD	DATE OF INSPECTION 07/22/2021
LOCATION OF INSTRUMENT (STREET AND CITY) 7700 NATURAL BRIDGE, MO, 63121		TIME OF INSPECTION 8:36 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 LOT # 21080 EXP. DATE 03/08/2023

SIMULATOR TEMPERATURE (34°C ± 0.2°C) 34.0 SIM. SN SD1615 SIM. NIST EXP DATE 07/24/2021

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 .099

TEST 2 .100

TEST 3 .100

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)	2	(OVER .19)	2
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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).

A CALIBRATION WAS DONE TO :100

INSPECTING OFFICER

SIGNATURE

PRINT NAME
BRANDON LANGE

TYPE II PERMIT NUMBER/EXPIRATION DATE
290166 08/01/2021

TELEPHONE NUMBER
(314) 385-3300

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

AS IV Serial no: 111647
Version no: 532B

TEST RECORD 00319

Temp Date Time s/
210L

Air Blank:
07/22/21 08:36 .000

Calibration Check:
23 07/22/21 08:36 .100

Subject Name

N/A

Subject I.D.

N/A

Operator Name, I.D.

Jamye 206

Location

Normandy PD

AS IV Serial no: 111647
Version no: 532B

TEST RECORD 00320

Temp Date Time s/
210L

Air Blank:
07/22/21 08:38 .000

Calibration Check:
28 07/22/21 08:38 .099

Subject Name

maint 1

Subject I.D.

N/A

Operator Name, I.D.

Jamye 206

Location

Normandy PD

AS IV Serial no: 111647
Version no: 532B

TEST RECORD 00321

Temp Date Time s/
210L

Air Blank:
07/22/21 08:40 .000

Calibration Check:
24 07/22/21 08:40 .100

Subject Name

maint 2

Subject I.D.

N/A

Operator Name, I.D.

Jamye 206

Location

Normandy PD

AS IV Serial no: 111647
Version no: 532B

TEST RECORD 00322

Temp Date Time s/
210L

Air Blank:
07/22/21 08:41 .000

Calibration Check:
24 07/22/21 08:41 .100

Subject Name

maint 3

Subject I.D.

N/A

Operator Name, I.D.

Jamye 206

Location

Normandy PD

AS IV Serial no: 111647
Version no: 532B

TEST RECORD 00323

Temp Date Time s/
210L

VOID: RFI
12 07/22/21 08:43

Subject Name

R.F.I

Subject I.D.

N/A

Operator Name, I.D.

Jamye 206

Location

Normandy PD

AS IV Serial no: 111647
Version no: 532B

TEST RECORD 00324

Temp Date Time s/
210L

Air Blank:
07/22/21 08:44 .000

Subject Test: Auto
24 07/22/21 08:44 .000

Subject Name

Jamye

Subject I.D.

206

Operator Name, I.D.

Normandy PD

Location

Jamye 206



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 **21080** of Alcohol Reference Solution for Simulator were analyzed by gas chromatography on **March 10, 2021**, using a Perkin Elmer Gas Chromatograph Autosystem XL S/N: 610N9030209, and found to contain **0.1214%** (w/vol) ethyl alcohol. The expiration date for this lot number is **March 8, 2023** 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 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

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PERMIT
TYPE II
BRANDON W LANGE

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 8/1/2019

DIRECTOR OF STATE PUBLIC HEALTH LABORATORY

NUMBER 290166

EXPIRES 8/1/2021

DIRECTOR OF DEPARTMENT OF HEALTH AND SENIOR SERVICES



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 LANGE, BRANDON
 Permit No 290166
 Date Issued 8/1/2019 Date Expires 8/1/2021

