



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

RECEIVED
 07/19/21 12:00 PM

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 111647	NAME OF AGENCY NORMANDY PD	DATE OF INSPECTION 04/28/2021
LOCATION OF INSTRUMENT (STREET AND CITY) 7700 NATURAL BRIDGE, NORMANDY, MO, 63121		TIME OF INSPECTION 9:41 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 .099	TEST 3 .099
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- 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
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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).

NONE AT THIS TIME

INSPECTING OFFICER

SIGNATURE 	PRINT NAME BRANDON W. 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 00271

Temp Date Time ^{s/} 210L

Air Blank:
04/28/21 09:41 .000
Calibration Check:
24 04/28/21 09:41 .099

Subject Name

maint 1

Subject I.D.

N/A

Operator Name, I.D.

Jangz 206

Location

Normandy PD

AS IV Serial no: 111647
Version no: 532B

TEST RECORD 00272

Temp Date Time ^{s/} 210L

Air Blank:
04/28/21 09:43 .000
Calibration Check:
24 04/28/21 09:43 .099

Subject Name

maint 2

Subject I.D.

N/A

Operator Name, I.D.

Jangz 206

Location

Normandy PD

AS IV Serial no: 111647
Version no: 532B

TEST RECORD 00273

Temp Date Time ^{s/} 210L

Air Blank:
04/28/21 09:45 .000
Calibration Check:
25 04/28/21 09:45 .099

Subject Name

maint 3

Subject I.D.

N/A

Operator Name, I.D.

Jangz 206

Location

Normandy PD

AS IV Serial no: 111647
Version no: 532B

TEST RECORD 00274

Temp Date Time ^{s/} 210L

VOID: RFI
12 04/28/21 09:46

Subject Name

RFI

Subject I.D.

N/A

Operator Name, I.D.

Jangz 206

Location

Normandy PD

AS IV Serial no: 111647
Version no: 532B

TEST RECORD 00275

Temp Date Time ^{s/} 210L

Air Blank:
04/28/21 09:47 .000
Subject Test: Auto
26 04/28/21 09:47 .000

Subject Name

Jangz

Subject I.D.

206

Operator Name, I.D.

Jangz 206

Location

Normandy PD



PERMIT TYPE II

BRANDON W LANGE

is hereby authorized to install and supervise operation, 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 506.111 through 506.119 RSMo.

DATE 8/1/2019

[Signature]
DIRECTOR OF STATE PUBLIC HEALTH LABORATORY

NUMBER 290166

[Signature]
DIRECTOR OF DEPARTMENT OF HEALTH AND SENIOR SERVICES

EXPIRES 8/1/2021

LAB-4166-19

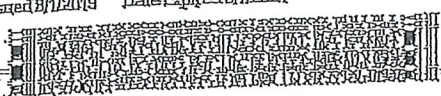
WEIGHT (lb)

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

INSTRUMENT OPERATOR CARD

The named card holder is authorized to operate an evidential breath alcohol instrument for the determination of the alcoholic content in breath from of expired air in Missouri.

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





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 **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.