



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

RECEIVED

By Tracy Crews at 11:34 am, Dec 21, 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 <i>102461</i>	PRINTER SN <i>096.3580.922</i>	DATE OF INSPECTION <i>14 Dec 2020</i>
LOCATION OF INSTRUMENT (STREET AND CITY) <i>106 Progress Drive Sullivan MO 63080</i>		TIME OF INSPECTION <i>10:25</i>

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) *23°C*

PRINTER WORKING PROPERLY

TIME AND DATE DISPLAYING PROPERLY

BREATH ALCOHOL ACCURACY STANDARDS

SIMULATOR SOLUTION COMPRESSED ETHANOL-GAS MIXTURE

STANDARD SUPPLIER *Buth Labs* LOT # *20420* EXP. DATE *09/22/22*

SIMULATOR TEMPERATURE (34°C ± 0.2°C) *34°C* SIMULATOR SN *MP3872* SIMULATOR EXP DATE *05/09/20*

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 <i>.097%</i>	TEST 2 <i>.099%</i>	TEST 3 <i>.099%</i>
---------------------	---------------------	---------------------

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 <i>0</i>	(0-.04) <i>0</i>	(.05-.09) <i>1</i>	(.10-.14) <i>1</i>	(.15-.19) <i>2</i>	(OVER .19) <i>0</i>
-------------------	------------------	--------------------	--------------------	--------------------	---------------------

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).

Instrument is operating within D.O.H. specifications.

INSPECTING OFFICER	
SIGNATURE <i>Gregory A. West</i>	PRINT NAME <i>Gregory A. West</i>
TYPE II PERM. NUMBER/EXPIRATION DATE <i>290125 06/13/21</i>	TELEPHONE NUMBER <i>573-468-8001</i>

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

AS IU Serial no: 182461
Version no: 532B

TEST RECORD 00856

Temp Date Time 210L s/

Air Blank:
12/14/20 10:27 .000
Calibration Check:
23 12/14/20 10:27 .097

Subject Name

Subject I.D.

Operator Name, I.D.

Location

10#

AS IU Serial no: 182461
Version no: 532B

TEST RECORD 00857

Temp Date Time 210L s/

Air Blank:
12/14/20 10:29 .000
Calibration Check:
23 12/14/20 10:29 .099

Subject Name

Subject I.D.

Operator Name, I.D.

Location

02#

AS IU Serial no: 182461
Version no: 532B

TEST RECORD 00858

Temp Date Time 210L s/

Air Blank:
12/14/20 10:31 .000
Calibration Check:
23 12/14/20 10:31 .099

Subject Name

Subject I.D.

Operator Name, I.D.

Location

13#

AS IU Serial no: 182461
Version no: 532B

TEST RECORD 00859

Temp Date Time 210L s/

VOID: RFI
12 12/14/20 10:33

Subject Name

Subject I.D.

Operator Name, I.D.

Location



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 20420 of Alcohol Reference Solution for Simulator were analyzed by gas chromatography on September 23, 2020, using a Perkin Elmer Gas Chromatograph Autosystem XL S/N: 610N9030209, and found to contain 0.1208% (w/vol) ethyl alcohol. The expiration date for this lot number is September 22, 2022 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 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

2

PERMIT
TYPE II
GREGORY A WEST

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 6/13/2019

DIRECTOR OF STATE PUBLIC HEALTH LABORATORY

NUMBER 290125

EXPIRES 6/13/2021

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 WEST, GREGORY
Permit No 290125
Date Issued 6/13/2019 Date Expires 6/13/2021

