



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

RECEIVED

By Tracy Crews at 9:58 am, Mar 03, 2021

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 107993	PRINTER SN 099.3586.836	DATE OF INSPECTION 03/01/2021
-----------------------------	----------------------------	----------------------------------

LOCATION OF INSTRUMENT (STREET AND CITY) 9623 SAINT CHARLES ROCK ROAD, BRECKENRIDGE HILLS POLICE DEPARTMENT	TIME OF INSPECTION 8:55 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

<input checked="" type="checkbox"/> SIMULATOR SOLUTION	<input type="checkbox"/> COMPRESSED ETHANOL-GAS MIXTURE
--	---

<input checked="" type="checkbox"/> STANDARD SUPPLIER <u>GUTH LABORATORIES, INC.</u> LOT # <u>20190</u> EXP. DATE <u>04/06/2022</u>

<input checked="" type="checkbox"/> SIMULATOR TEMPERATURE (34°C ± 0.2°C) <u>34.0</u> SIMULATOR SN <u>SD2309</u> SIMULATOR EXP DATE <u>03/02/2021</u>
--

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 → .097	TEST 2 → .097	TEST 3 → .098
---------------	---------------	---------------

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	1	(0-.04)	0	(.05-.09)	0	(.10-.14)	1	(.15-.19)	1	(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).

INSPECTING OFFICER

SIGNATURE 	PRINT NAME RANDY VONCLOEDT
---------------	-------------------------------

TYPE II PERMIT NUMBER/EXPIRATION DATE 280205 05/11/2022	TELEPHONE NUMBER (314) 426-1214
--	------------------------------------

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 IV Serial no: 107993
Version no: 532B

TEST RECORD 00852

Temp Date Time 210L

Air Blank:
03/01/21 08:57 .000
Calibration Check:
22 03/01/21 08:57 .097

Subject Name

Maintenance

Subject I.D.

NA

Operator Name, I.D.

VmCloc 287

9623 MO 63119

St. Louis MO 63119
VmCloc 287

AS IV Serial no: 107993
Version no: 532B

TEST RECORD 00853

Temp Date Time 210L

Air Blank:
03/01/21 08:58 .000
Calibration Check:
22 03/01/21 08:58 .098

Subject Name

Maintenance

Subject I.D.

NA

Operator Name, I.D.

VmCloc 287

9623 MO 63119

St. Louis MO 63119
VmCloc 287

AS IV Serial no: 107993
Version no: 532B

TEST RECORD 00851

Temp Date Time 210L

Air Blank:
03/01/21 08:55 .000
Calibration Check:
21 03/01/21 08:55 .097

Subject Name

Maintenance

Subject I.D.

NA

Operator Name, I.D.

VmCloc 287

Location 9623 MO 63119
St. Louis MO 63119
VmCloc 287

AS IV Serial no: 107993
Version no: 532B

TEST RECORD 00854

Temp Date Time 210L

VOID: RFI
12 03/01/21 09:00

Subject Name

Maintenance

Subject I.D.

NA

Operator Name, I.D.

VmCloc 287

Location 9623 MO 63119
St. Louis MO 63119
VmCloc 287



GUTH LABORATORIES, INC.

580 NORTH 6TH STREET • HARRISBURG, PA 17111-4611 • TELEPHONE: 717-564-6470

CERTIFICATE OF ANALYSIS

Certified Alcohol Reference Solution for Simulator

Random Samples of Lot Number 20190 of Alcohol Reference Solution for Simulator were analyzed by gas chromatography on April 8, 2020, using a Perkin Elmer Gas Chromatograph Autosystem XL S/N: 610N9030209, and found to contain 0.1206% (w/vol) ethyl alcohol. The expiration date for this lot number is April 6, 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 FN02271802 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

RANDY J VON CLOEDT

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 5/11/2020
NUMBER 200171
EXPIRES 5/11/2022

DIRECTOR OF STATE PUBLIC HEALTH LABORATORY

DIRECTOR OF DEPARTMENT OF HEALTH AND SENIOR SERVICES

MO 580-0771 (5-10)

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 **VON CLOEDT, RANDY**
Permit No **200171**
Date Issued **5/11/2020** Date Expires **5/11/2022**