



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

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 107975	PRINTER SN 099,3586,829	DATE OF INSPECTION 07/27/2020
LOCATION OF INSTRUMENT (STREET AND CITY) 201 East Park Vandalia, MO 63382		TIME OF INSPECTION 1131

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</u>	LOT # <u>19160</u> EXP. DATE <u>07/09/2021</u>
<input checked="" type="checkbox"/> SIMULATOR TEMPERATURE (34°C ± 0.2°C) <u>33.99</u>	SIMULATOR SN <u>MP3586</u> SIMULATOR EXP DATE <u>01/08/2021</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 → <u>102</u>	TEST 2 → <u>1103</u>	TEST 3 → <u>098</u>
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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 <u>0</u>	(0-.04) <u>0</u>	(.05-.09) <u>0</u>	(.10-.14) <u>0</u>	(.15-.19) <u>0</u>	(OVER .19) <u>0</u>
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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).

INSPECTING OFFICER	
SIGNATURE 	PRINT NAME Christopher Hammann
TYPE II PERMIT NUMBER/EXPIRATION DATE 290163 08/01/2021	TELEPHONE NUMBER 573-237-2211

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 ID Serial no: 187975
Version no: 582B

TEST RECORD 00000

Time Date Time 210L

06/28/20 09:18

Subject I.D.
RFI Test

Operator Name, I.D.
Hammann

Location
Vandalia PD

201 E Park St

AS ID Serial no: 187975
Version no: 582B

TEST RECORD 00000

Time Date Time 210L

06/28/20 09:21 .000
06/28/20 09:21 .100

Subject I.D.
Test # 1

Operator Name, I.D.
Hammann

Location
Vandalia PD

201 E Park St

AS ID Serial no: 187975
Version no: 582B

TEST RECORD 00000

Time Date Time 210L

06/28/20 09:20 .000
06/28/20 09:20 .100

Subject I.D.
Test # 2

Operator Name, I.D.
Hammann

Location
Vandalia PD

201 E Park St

AS ID Serial no: 187975
Version no: 582B

TEST RECORD 00000

Time Date Time 210L

06/28/20 09:20 .000
06/28/20 09:20 .100

Subject I.D.
Test # 3

Operator Name, I.D.
Hammann

Location
Vandalia PD

201 E Park St

AS IV Serial no: 107975
Version no: 592B

TEST RECORD 00701

Temp Date Time 210L

VOID: PFI
12 07/27/20 11:33

Subject Name
RFI Test

Operator Name, I.D.
Hammann

Location Name, I.D.
Vandalia PD

Location
201 E Park St
Vandalia, MO

AS IV Serial no: 107975
Version no: 592B

TEST RECORD 00702

Temp Date Time 210L

Air Blank:
07/27/20 11:33 .000
Calibration Check:
07/27/20 11:33 .102

Subject Name
Test #1

Operator Name, I.D.
Hammann

Location
Vandalia PD

201 E Park St
Vandalia, MO

AS IV Serial no: 107975
Version no: 592B

TEST RECORD 00703

Temp Date Time 210L

Air Blank:
07/27/20 11:49 .000
Calibration Check:
07/27/20 11:49 .102

Subject Name
Test #2

Operator Name, I.D.
Hammann

Location Name, I.D.
Vandalia PD

201 E Park St
Vandalia, MO

AS IV Serial no: 107975
Version no: 592B

TEST RECORD 00704

Temp Date Time 210L

Air Blank:
07/27/20 11:49 .000
Calibration Check:
07/27/20 11:49 .102

Subject Name
Test #3

Operator Name, I.D.
Hammann

Location Name, I.D.
Vandalia PD

201 E Park St
Vandalia, MO

**GUTH LABORATORIES, INC.**

690 NORTH 67th STREET • HARRISBURG, PA 17111-4811 • 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°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 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



**PERMIT
TYPE II**

CHRISTOPHER HAMMANN

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

NUMBER 290163

EXPIRES 8/1/2021

DIRECTOR OF STATE PUBLIC HEALTH LABORATORY

DIRECTOR OF DEPARTMENT OF HEALTH AND SENIOR SERVICES

MO 980-0771 (9-10)

LAB-4 (98-10)

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 **HAMMANN, CHRISTOPHER**
Permit No **290163**
Date Issued **8/1/2019** Date Expires **8/1/2021**