



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

**RECEIVED**

By Tracy Crews at 10:44 am, Jan 05, 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 03079	NAME OF AGENCY Hazelwood Police Department	DATE OF INSPECTION 12/12/2020
LOCATION OF INSTRUMENT (STREET AND CITY) 415 Elm Grove Lane / Hazelwood		TIME OF INSPECTION 9:05 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 Laboratories, Inc LOT # 19370 EXP. DATE 12/09/2021

SIMULATOR TEMPERATURE (34°C ± 0.2°C) 34.1 SIM. SN SD2742 SIM. NIST EXP DATE 07/15/2021

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 .105

TEST 2 .105

TEST 3 .104

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).

Maint. December 2020

Simulator Solution Bottle Number 740.

Changed Ribbon on printer.

**INSPECTING OFFICER**

SIGNATURE

PRINT NAME  
Michael A. Monticelli

TYPE II PERMIT NUMBER/EXPIRATION DATE  
200263 / 10/08/2022

TELEPHONE NUMBER  
(314) 838-5000

**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: 030791  
Version no: 532B  
TEST RECORD 00645 ✓  
Temp Date Time 210L  
Air Blank:  
12/31/20 09:41 .000  
Calibration Check:  
18 12/31/20 09:41 .185

Subject Name  
**TEST #1**  
Subject I.D.  
*Montreille 200263*  
Operator Name, I.D.  
*Hazelwood Bat Van*  
Location  
Hazelwood Bat Van

AS IV Serial no: 030791  
Version no: 532B  
TEST RECORD 00646 ✓  
Temp Date Time 210L  
Air Blank:  
12/31/20 09:43 .000  
Calibration Check:  
19 12/31/20 09:43 .185

Subject Name  
**TEST #2**  
Subject I.D.  
*Montreille 200263*  
Operator Name, I.D.  
*Hazelwood Bat Van*  
Location  
Hazelwood Bat Van

AS IV Serial no: 030791  
Version no: 532B  
TEST RECORD 00647 ✓  
Temp Date Time 210L  
Air Blank:  
12/31/20 09:45 .000  
Calibration Check:  
21 12/31/20 09:45 .184

Subject Name  
**TEST #3**  
Subject I.D.  
*Montreille 200263*  
Operator Name, I.D.  
*Hazelwood Bat Van*  
Location  
Hazelwood Bat Van

AS IV Serial no: 030791  
Version no: 532B  
TEST RECORD 00648 ✓  
Temp Date Time 210L  
Wipe RFI  
12 12/31/20 09:46

Subject Name  
**TEST #4**  
Subject I.D.  
**RFI TEST**  
Operator Name, I.D.  
*Montreille 200263*  
Location  
*Hazelwood Bat Van*

AS IV Serial no: 030791  
Version no: 532B  
TEST RECORD 00649 ✓  
Temp Date Time 210L  
Air Blank:  
12/31/20 09:48 .000  
Subject Test: Auto  
23 12/31/20 09:48 .000

Subject Name  
**TEST #5**  
Subject I.D.  
**BANK TEST**  
Operator Name, I.D.  
*Montreille 200263*  
Location  
*Hazelwood Bat Van*



**GUTH LABORATORIES, INC.**

690 NORTH 67th STREET • HARRISBURG, PA 17111-4917 • TELEPHONE: 717-664-6470

**CERTIFICATE OF ANALYSIS**

Certified Alcohol Reference Solution for Simulator

Random Samples of Lot Number 19370 of Alcohol Reference Solution for Simulator were analyzed by gas chromatography on December 10, 2019, using a Perkin Elmer Gas Chromatograph Autosystem XL S/N: 610N9030209, and found to contain 0.1199% (w/vol) ethyl alcohol. The expiration date for this lot number is December 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.*



Missouri Department of Health and Senior Services  
 P.O. Box 170, Jefferson City, MO 64103-0170 Phone: 573-751-4100 FAX: 573-751-0010  
 RELAY MISSOURI for Hearing and Speech Impaired 1-800-735-2114 VOICE 1-800-735-2189  
 Founder: W. Williams, MD, FACCP  
 Director



Michael L. Frank  
 Governor

## SIMULATOR CERTIFICATION REPORT

### SIMULATOR INFORMATION

Simulator Serial Number: SD2742 Manufacturer: Galt  
 Model Number: 10-4D  
 Agency: HAZELWOOD PD  
 Agency Address: 415 ELM GROVE LANE, HAZELWOOD, MO 63042

### NIST THERMOMETER INFORMATION

Serial Number: 19DMMO1307 Bias: 0.00  
 Uncertainty: 0.02  
 Date of Certification: 6/1/2020 Date of Expiration: 6/1/2021

### ENVIRONMENTAL CONDITIONS

The environmental conditions during testing are within the tolerances of DHSS BAP method 3.

### VERIFICATION RESULTS

<u>Simulator Average</u>	<u>NIST Average</u>	<u>Combined Uncertainty</u>
34.00	33.95	.11

The combined uncertainty is calculated with a k=2 value.

### ADJUSTMENT RESULTS

No adjustment was needed.

Date of testing: 7/15/2020  
 Certification Expiration: 7/15/2021  
 Simulator testing technician: B. LUTMER

Notes on Condition: none

Deviation(s) from method: none

DHSS BAP Scientist Approving: B. LUTMER  
 Certification No: SD2742\_7/15/2020

X

DHSS BAP Scientist Approving



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

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**PERMIT  
TYPE II**

**MICHAEL A MONTICELLI**

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, INTOX EC/IR II**

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 10/8/2020

NUMBER 200263

EXPIRES 10/8/2022

DIRECTOR OF STATE PUBLIC HEALTH LABORATORY

DIRECTOR OF DEPARTMENT OF HEALTH AND SENIOR SERVICES

MO 680-0771 (8-10)

LAB-4 (HM-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 **MONTICELLI, MICHAEL**  
Permit No **200263**  
Date Issued **10/8/2020** Date Expires **10/8/2022**

