



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

RECEIVED

By Tracy Crews at 9:26 am, Feb 04, 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 02/01/2021
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LOCATION OF INSTRUMENT (STREET AND CITY) 415 Elm Grove Lane / Hazelwood	TIME OF INSPECTION 10:00 am
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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>19370</u> EXP. DATE <u>12/09/2021</u>
<input checked="" type="checkbox"/> SIMULATOR TEMPERATURE (34°C ± 0.2°C)	SIM. SN <u>34.1</u> SIM. NIST EXP DATE <u>07/15/2021</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 ➔ .103	TEST 2 ➔ .103	TEST 3 ➔ .102
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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).

BA Maint. January 2021
 Simulator Solution Bottle Number 741.

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 00650 s/
Temp Date Time 210L

Air Blank: 02/01/21 10:44 .000
Calibration Check: 20 02/01/21 10:44 .103

Subject Name

TEST #1

Subject I.D.

Monnell 200263

Operator Name, I.D.

Hazelwood Bat Van

Location

AS IV Serial no: 030791
Version no: 532B

TEST RECORD 00651 s/
Temp Date Time 210L

Air Blank: 02/01/21 10:45 .000
Calibration Check: 21 02/01/21 10:45 .103

Subject Name

TEST #2

Subject I.D.

Monnell 200263

Operator Name, I.D.

Hazelwood Bat Van

Location

AS IV Serial no: 030791
Version no: 532B

TEST RECORD 00654 s/
Temp Date Time 210L

Air Blank: 02/01/21 10:50 .000
Calibration Check: 24 02/01/21 10:50 .102

Subject Name

TEST #3

Subject I.D.

Monnell 200263

Operator Name, I.D.

Hazelwood Bat Van

Location

AS IV Serial no: 030791
Version no: 532B

TEST RECORD 00653 s/
Temp Date Time 210L

VOID: RFI 12 02/01/21 10:48

Subject Name

TEST #4

Subject I.D.

RFI TEST

Operator Name, I.D.

Monnell 200263

Location

Hazelwood Bat Van

AS IV Serial no: 030791
Version no: 532B

TEST RECORD 00655 s/
Temp Date Time 210L

Air Blank: 02/01/21 10:52 .000
Subject Test: Auto 25 02/01/21 10:52 .000

Subject Name

TEST #5

Subject I.D.

BLMC TEST

Operator Name, I.D.

Monnell 200263

Location

Hazelwood Bat Van



GUTH LABORATORIES, INC.

590 NORTH 67th STREET • HARRISBURG, PA 17111-4911 • TELEPHONE: 717-684-8470

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 876, Jefferson City, MO 64102-0876 Phone: 573-753-6100 FAX: 573-753-6010
 214 AV Mississippi for hearing and Spanish language 1-800-735-8000 Voice: 1-800-735-8000
 Ronald W. Williams, M.D., FACQA
 Director



Michael L. Frye
 Governor

SIMULATOR CERTIFICATION REPORT

SIMULATOR INFORMATION

Simulator Serial Number: 802742 Manufacturer: Gish
 Model Number: 10-43
 Agency: HAZELWOOD PD
 Agency Address: 415 HLM GROVE LANE, HAZELWOOD, MO 63042

NIST THERMOMETER INFORMATION

Serial Number: 1985M01307 NIST: 6.00
 Uncertainty: 0.02
 Date of Certification: 07/12/2020 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	33.05	.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: 802742_7182020

X
 DHSS BAP Scientist Approved



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

2

**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 908.111 through 908.119 RSMo.

DATE 10/8/2020

DIRECTOR OF STATE PUBLIC HEALTH LABORATORY

NUMBER 200263

EXPIRES 10/8/2022

DIRECTOR OF DEPARTMENT OF HEALTH AND SENIOR SERVICES

MO 580/8771 (8-10)

LAB-4 (18-10)

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