



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

RECEIVED

By Tracy Crews at 11:16 am, Apr 28, 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 04/26/2021
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LOCATION OF INSTRUMENT (STREET AND CITY) 415 Elm Grove Ln. / Hazelwood, MO 63042	TIME OF INSPECTION 1:16 pm
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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

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 .104	TEST 2 .103	TEST 3 .103
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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. 4/26/2021
Test #5 - Printer Malfunction
Simulator Solution Bottle Number 734

INSPECTING OFFICER

SIGNATURE 	PRINT NAME Jason Corson
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TYPE II PERMIT NUMBER/EXPIRATION DATE 210057 / 4/6/2023	TELEPHONE NUMBER (314) 838-5000
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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 00677

Temp Date Time 210L

Air Blank: 04/26/21 13:31 .000
Calibration Check: 20 04/26/21 13:31 .104

Subject Name

Test # 1

Subject I.D.

Corson 210057

Operator Name, I.D.

Hazelwood Bat

Location

Van

AS IV Serial no: 030791
Version no: 532B

TEST RECORD 00678

Temp Date Time 210L

Air Blank: 04/26/21 13:33 .000
Calibration Check: 21 04/26/21 13:33 .103

Subject Name

Test # 2

Subject I.D.

Corson 210057

Operator Name, I.D.

Hazelwood Bat

Location

Van

AS IV Serial no: 030791
Version no: 532B

TEST RECORD 00679

Temp Date Time 210L

Air Blank: 04/26/21 13:35 .000
Calibration Check: 22 04/26/21 13:35 .103

Subject Name

Test # 3

Subject I.D.

Corson 210057

Operator Name, I.D.

Hazelwood Bat

Location

Van

AS IV Serial no: 030791
Version no: 532B

TEST RECORD 00680

Temp Date Time 210L

VOID: RFI
12 04/26/21 13:36

Subject Name

Test # 4

Subject I.D.

Corson 210057

Operator Name, I.D.

RFI Test

Location

Hazelwood Bat

Van

AS IV Serial no: 030791
Version no: 532B

TEST RECORD 00681

Temp Date Time 210L

Air Blank: 04/26/21 13:37 .000
Subject Test: Auto
22 04/26/21 13:37 .000

Subject Name

Test # 5

Printer Malfunction

AS IV Serial no: 030791
Version no: 532B

TEST RECORD 00682

Temp Date Time 210L

Air Blank: 04/26/21 13:38 .000
Subject Test: Auto
23 04/26/21 13:38 .000

Subject Name

Test # 6

Subject I.D.

Corson 210057

Operator Name, I.D.

Hazelwood Bat

Location

Van

Blank Test



Missouri Department of Health and Senior Services
 P.O. Box 176, Jefferson City, MO 64603-0176 Phone: 573-751-4400 FAX: 573-751-4010
 RELAY MISSOURI for hearing and speech impaired 1-800-735-2339 VOICE 1-800-780-2388
 Ronald W. Williams, MD, FACOG
 Governor



Michael L. Parnes
 Governor

SIMULATOR CERTIFICATION REPORT

SIMULATOR INFORMATION

Simulator Serial Number: **802702** Manufacturer: **Guth**
 Model Number: **10-10**
 Agency: **HAZELWOOD PD**
 Agency Address: **416 ELM GROVE LANE, HAZELWOOD, MO 63042**

NIST THERMOMETER INFORMATION

Serial Number: **191MM01307** Brand: **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 tolerance of DSS BAP method 5.

VERIFICATION RESULTS

Simulator Average	NIST Average	Combined Uncertainty
34.00	33.05	.11

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

ADJUSTMENT RESULTS

No adjustment was needed.

Date of testing: **7/16/2020**
 Certification Expiration: **7/16/2021**
 Simulator testing technician: **B. LUTMERE**

Notes on Conditions: none

Deviation(s) from method none

DSS BAP Release Approving: **B. LUTMERE**
 Certification No: **802702_7/16/2020**

X

DSS BAP Release Approving



GUTH LABORATORIES, INC.

830 NORTH 87th STREET • HARRISBURG, PA 17111-4812 • TELEPHONE: 717-564-8470

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 7, 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**

JASON CORSON

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 4/6/2021

NUMBER 210057

EXPIRES 4/6/2023

MO 580-0771 (6-10)

DIRECTOR OF STATE PUBLIC HEALTH LABORATORY

DIRECTOR OF DEPARTMENT OF HEALTH AND SENIOR SERVICES

LAB-4 (RS-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 CORSON, JASON
 Permit No 210057
 Date Issued 4/6/2021 Date Expires 4/6/2023

