



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

RECEIVED
 By Tracy Crews at 9:52 am, Aug 04, 2020

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	PRINTER SN 84.9324.152	DATE OF INSPECTION 08/04/2020
LOCATION OF INSTRUMENT (STREET AND CITY) 415 Elm Grove Lane / Hazelwood		TIME OF INSPECTION 7:30 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 SIMULATOR SN SD2742 SIMULATOR 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 .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).

Maint. July 2020
 Simulator Solution Bottle Number 1110.

INSPECTING OFFICER

SIGNATURE 	PRINT NAME Michael A. Monticelli
TYPE II PERMIT NUMBER/EXPIRATION DATE 280302 / 10/12/2020	TELEPHONE NUMBER (314) 838-5000

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: 030791
Version no: 532B

TEST RECORD 00612 s/
Temp Date Time 210L

Air Blank: 08/04/20 08:05 .000
Calibration Check: 22 08/04/20 08:05 .103

Subject Name
TEST #1
Subject I.D.

Operator Name, I.D.
MONTMELLS 280302
Location
HAZELWOOD BAT VAN

AS IV Serial no: 030791
Version no: 532B

TEST RECORD 00613 s/
Temp Date Time 210L

Air Blank: 08/04/20 08:07 .000
Calibration Check: 23 08/04/20 08:07 .103

Subject Name
TEST #2
Subject I.D.

Operator Name, I.D.
MONTMELLS 280302
Location
HAZELWOOD BAT VAN

AS IV Serial no: 030791
Version no: 532B

TEST RECORD 00614 s/
Temp Date Time 210L

Air Blank: 08/04/20 08:09 .000
Calibration Check: 24 08/04/20 08:09 .102

Subject Name
TEST #3
Subject I.D.

Operator Name, I.D.
MONTMELLS 280302
Location
HAZELWOOD BAT VAN

AS IV Serial no: 030791
Version no: 532B

TEST RECORD 00615 s/
Temp Date Time 210L

VOID: RFI
12 08/04/20 08:10

Subject Name
TEST #4
Subject I.D.

Operator Name, I.D.
MONTMELLS 280302
Location
HAZELWOOD BAT VAN

AS IV Serial no: 030791
Version no: 532B

TEST RECORD 00616 s/
Temp Date Time 210L

Air Blank: 08/04/20 08:12 .000
Subject Test: Auto
25 08/04/20 08:12 .000

Subject Name
TEST #5
Subject I.D.

Operator Name, I.D.
Blank TEST
MONTMELLS 280302
Location
HAZELWOOD BAT VAN



GUTH LABORATORIES, INC.

530 NORTH 6TH STREET • HARRISBURG, PA 17114-4811 • TELEPHONE: 717-654-6470

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 570, Jefferson City, MO 65102-0570 Phone: 573-751-8400 FAX: 573-751-6010
RELAY MISSOURI for Hearing and Speech Impaired 1-800-735-2966 VOICE 1-800-735-2466

Randall W. Williams, MD, FACOG
Director



Michael L. Parson
Governor

SIMULATOR CERTIFICATION REPORT

SIMULATOR INFORMATION

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

NIST THERMOMETER INFORMATION

Serial Number: 19BMM01307 **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_7152020

X *Brian Lutmer*

DHSS BAP Scientist Approving



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

2

PERMIT
TYPE II

MICHAEL A MONTICELLI

is hereby authorized to maintain and supervise operators, train instructors, inspect, maintain, perform field services 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 577.047, RSMo and 506.101 through 506.110 RSMo.

DATE 10/12/2018

Wm. [Signature]
DIRECTOR OF STATE PUBLIC HEALTH LABORATORY

NUMBER 280802

EXPIRES 10/12/2020

[Signature]
DIRECTOR OF DEPARTMENT OF HEALTH AND SENIOR SERVICES

WD 0006270-00

L004 (10-16)

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

INSTRUMENT OPERATOR CARD

This person is authorized to operate an instrument that has been certified by the Missouri Department of Health and Senior Services for the purpose of determining the alcoholic content of expired air.

Operator: **MONTICELLI, MICHAEL**
License No: **280802**
Date Issued: **10/12/2018** Date Expires: **10/12/2020**

