



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

RECEIVED
 By Tracy Crews at 7:38 am, Apr 30, 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 04/29/2020
LOCATION OF INSTRUMENT (STREET AND CITY) 415 Elm Grove Lane / Hazelwood		TIME OF INSPECTION 11:30 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 # 18370 EXP. DATE 12/05/2020

SIMULATOR TEMPERATURE (34°C ± 0.2°C) 34.1 SIMULATOR SN SD2742 SIMULATOR EXP DATE 07/09/2020

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

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. 04/2020

Simulator Solution Bottle Number 1380.

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 TU Serial no: 030791
Version no: 532B

TEST RECORD 00493

Temp Date Time 210L %/

Air Blank: 04/29/20 11:46 .000
Calibration Check: 23 04/29/20 11:46 .104

Subject Name

TEST #1

Subject I.D.

Operator Name, I.D.

MORRIS 280302

Location

Hazelwood BAS Van

AS TU Serial no: 030791
Version no: 532B

TEST RECORD 00494

Temp Date Time 210L %/

Air Blank: 04/29/20 11:48 .000
Calibration Check: 23 04/29/20 11:48 .103

Subject Name

TEST #2

Subject I.D.

Operator Name, I.D.

MORRIS 280302

Location

Hazelwood BAS Van

AS TU Serial no: 030791
Version no: 532B

TEST RECORD 00495

Temp Date Time 210L %/

Air Blank: 04/29/20 11:50 .000
Calibration Check: 24 04/29/20 11:50 .103

Subject Name

TEST #3

Subject I.D.

Operator Name, I.D.

MORRIS 280302

Location

Hazelwood BAS Van

AS TU Serial no: 030791
Version no: 532B

TEST RECORD 00496

Temp Date Time 210L %/

VOID: RFI 12 04/29/20 11:52

Subject Name

TEST #4

Subject I.D.

RFI TEST

Operator Name, I.D.

MORRIS 280302

Location

Hazelwood BAS Van

AS TU Serial no: 030791
Version no: 532B

TEST RECORD 00497

Temp Date Time 210L %/

Air Blank: 04/29/20 11:53 .000
Subject Test: AHD 25 04/29/20 11:53 .000

Subject Name

TEST #5

Subject I.D.

Blank TEST

Operator Name, I.D.

MORRIS 280302

Location

Hazelwood BAS Van



GUTH LABORATORIES, INC.

100 NORTH 6TH STREET • HARRISBURG, PA 17111-3511 • TELEPHONE: 717-304-8970

CERTIFICATE OF ANALYSIS

Certified Alcohol Reference Solution for Simulator

Random Samples of Lot Number 18370 of Alcohol Reference Solution for Simulator were analyzed by gas chromatography on December 6, 2018, using a Perkin Elmer Gas Chromatograph Autosystem XL S/N: 610N9030209, and found to contain 0.1218% (w/vol) ethyl alcohol. The expiration date for this lot number is December 5, 2020 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/21.0L +/- 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 Certified Reference Standard lot number XN04271602 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 870, Jefferson City, MO 64102-0870 Phone: 573-751-6400 FAX: 573-751-0010
 RELAY MISSOURI for Hearing and Speech Impaired 1-800-735-2999 VOICE 1-800-735-2496
 Randall W. Williams, MD, FACOG
 Director



Michael L. Parson
 Governor

SIMULATOR CERTIFICATION REPORT

SIMULATOR INFORMATION

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

NIST THERMOMETER INFORMATION

Serial Number: 17KMM00689 Bias: 0.00
 Uncertainty: 0.02
 Date of Certification: 12/11/2018 Date of Expiration: 12/11/2019

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	33.97	.06

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

ADJUSTMENT RESULTS

No adjustment was needed.

Date of testing: 7/9/2019
 Certification Expiration: 7/9/2020
 Simulator testing technician: M. BOND

Notes on Condition: none

Deviation(s) from method: none

DHSS BAP Scientist Approving: B. LUTMER

Certification No: SD2742_792019

X

DHSS BAP Scientist Approving



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



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 806.111 through 806.113 RSMo.

DATE 10/12/2018

DIRECTOR OF STATE PUBLIC HEALTH LABORATORY

NUMBER 280302

EXPIRES 10/12/2020

DIRECTOR OF DEPARTMENT OF HEALTH AND SENIOR SERVICES

MO 680-0771 (0-10)

LAD-4 (08-10)

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

INSTRUMENT OPERATOR CARD

The named individual is authorized to operate an unattended breath alcohol instrument for the determination of the alcoholic content in breath form of expired air in Missouri.

Operator **MONTICELLI, MICHAEL**
Permit No **280302**
Date Issued **10/12/2018** Date Expires **10/12/2020**