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By Tracy Crews at 8:55 am, Apr 24, 2024



MISSOURI DEPARTMENT OF HEALTH AND SENIOR SERVICES
STATE PUBLIC HEALTH LABORATORY

ALCO-SENSOR IV WITH PRINTER MAINTENANCE REPORT

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 <i>Sparta 107985</i>	PRINTER SN <i>099.3586.820</i>	DATE OF INSPECTION <i>4/19/2024</i>
LOCATION OF INSTRUMENT (STREET AND CITY) <i>200 North Ave Sparta MO 65753</i>		TIME OF INSPECTION <i>1030</i>

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 LAB* LOT # *23180* EXP. DATE *5/17/2025*

SIMULATOR TEMPERATURE (34°C ± 0.2°C) *34.00* SIMULATOR SN *1K23584* SIMULATOR EXP DATE _____

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-.04)	(.05-.09)	(.10-.14)	(.15-.19)	(OVER .19)
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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).

NONE

INSPECTING OFFICER

SIGNATURE
Trampus Taylor

PRINT NAME
Trampus Taylor

TYPE II PERMIT NUMBER/EXPIRATION DATE
230054 3/27/2024

TELEPHONE NUMBER
417 634 3992

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



SPARTA POLICE DEPARTMENT

200 North Avenue / P.O. Box 246 - Sparta, MO 65753
(417) 242 5511 (417) 634 5785 FAX



MS 10 Serial no. 187085
Version no. 1000

MS 10 Serial no. 187085
Version no. 1000

MS 10 Serial no. 187085
Version no. 1000

TEST RECORD STATE
Form Date Time 2000
Air Blower
20/19/20 10:00 1000
Operator J. Taylor
20/24/20 10:00 1000

TEST RECORD STATE
Form Date Time 2000
Air Blower
20/19/20 10:00 1000
Operator J. Taylor
20/24/20 10:00 1000

TEST RECORD STATE
Form Date Time 2000
Air Blower
20/19/20 10:00 1000
Operator J. Taylor
20/24/20 10:00 1000

Test #1

Test #2

Test #3

J. Taylor Cool
200 North Ave
Sparta MO 65753

J. Taylor Cool
200 North Ave

J. Taylor Cool
200 North Ave,
Sparta MO 65753

MS 10 Serial no. 187085
Version no. 1000

MS 10 Serial no. 187085
Version no. 1000

TEST RECORD STATE
Form Date Time 2000
Air Blower
20/19/20 10:00 1000
Operator J. Taylor
20/24/20 10:00 1000

TEST RECORD STATE
Form Date Time 2000
Air Blower
20/19/20 10:00 1000
Operator J. Taylor
20/24/20 10:00 1000

J. Taylor Cool
200 North Ave
Sparta MO 65753

Blank
J. Taylor Cool
J. Taylor Cool
200 North Ave
Sparta MO 65753



Paula Nickelson
Acting Director

Michael L. Parson
Governor

SIMULATOR CERTIFICATION REPORT

SIMULATOR INFORMATION

Simulator Serial Number: MP3584 Manufacturer: Guth
Model Number: 12V500
Agency: SPARTA PD
Agency Address: 200 NORTH AVE, SPARTA, MO 65753

NIST THERMOMETER INFORMATION

Serial Number: 17KMM00690 Bias: 0.00
Uncertainty: 0.02
Date of Certification: 10/27/2023 Date of Expiration: 10/27/2024

ENVIRONMENTAL CONDITIONS

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

VERIFICATION RESULTS

Table with 3 columns: Simulator Average (34.01), NIST Average (34.01), Combined Uncertainty (.02)

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

ADJUSTMENT RESULTS

No adjustment was needed.

Date of testing: 3/26/2024
Certification Expiration: 3/26/2025
Simulator testing technician: R. SCHILDKNECHT

Notes on Condition: none

Deviation(s) from method: none

DHSS BAP Scientist Approving: BRIANNA MEDRANO
Certification No: MP3584_3262024

X [Signature]

DHSS BAP Scientist Approving



GUTH LABORATORIES, INC.

590 NORTH 67th STREET • HARRISBURG, PA 17111-4511 • TELEPHONE: 717-564-5470

CERTIFICATE OF ANALYSIS

Certified Alcohol Reference Solution for Simulator

Random Samples of Lot Number **23180** of Alcohol Reference Solution for Simulator were analyzed by gas chromatography on **May 18, 2023**, using a Perkin Elmer Gas Chromatograph Autosystem XL S/N: 610N9030209, and found to contain **0.1220%** (w/vol) ethyl alcohol. The expiration date for this lot number is **May 17, 2025** at 11:59 PM.

When used in a calibrated Simulator, operating at $34^{\circ}\text{C} \pm .2^{\circ}\text{C}$, this solution will give a breath alcohol analysis instrument reading of **0.100 g/210L \pm 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 FN11172002 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

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PERMIT
TYPE II
TRAMPUS TAYLOR

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

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 3/27/2023

Mike Mason

DIRECTOR OF STATE PUBLIC HEALTH LABORATORY

NUMBER 230054

Dave F. Nicholson

DIRECTOR OF DEPARTMENT OF HEALTH AND SENIOR SERVICES

EXPIRES 3/27/2025

MO 580-0771 (6-10)

LAB-4 (RG-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 TAYLOR, TRAMPUS
 Permit No 230054
 Date Issued 3/27/2023 Date Expires 3/27/2025

