



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 099360	NAME OF AGENCY REPUBLIC POLICE DEPARTMENT	DATE OF INSPECTION 02/26/2021
LOCATION OF INSTRUMENT (STREET AND CITY) 540 WEST CIVIC BLVD		TIME OF INSPECTION 15:02

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 LOT # 19370 EXP. DATE 12/09/2021
- SIMULATOR TEMPERATURE (34°C ± 0.2°C) 34.0 SIM. SN SD3326 SIM. NIST EXP DATE 02/23/2022

- 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 ← <u>.101</u>	TEST 2 ← <u>.105</u>	TEST 3 ← <u>.105</u>
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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)	1	(.15-.19)	0	(OVER .19)	1
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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).

INSPECTING OFFICER

SIGNATURE 	PRINT NAME Roger Stewart
TYPE II PERMIT NUMBER/EXPIRATION DATE 290047/02/26/2021	TELEPHONE NUMBER (417) 732-3900

Return completed report to the: Breath Alcohol Program, MO Department of Health and Senior Services, Southeast District Office by mail, fax, or email.

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NS IV Serial no: 099368
Version no: 502B

TEST KICOMI 00971

Temp Date Time 210L %

Air Blank:

02/26/71 15:09 .000

Calibration Check:

26 02/26/71 15:09 .105

Subject Name:

Subject I.D.

Roger Stewart

Operator Name: I.D.

290047 02/26/71

Location

2

1

NS IV Serial no: 099368
Version no: 502B

TEST KICOMI 00970

Temp Date Time 210L %

Air Blank:

02/26/71 15:05 .000

Calibration Check:

26 02/26/71 15:05 .105

Subject Name:

Subject I.D.

Roger Stewart

Operator Name: I.D.

290047 02/26/71

Location

NS IV Serial no: 099368
Version no: 502B

TEST KICOMI 00972

Temp Date Time 210L %

02/26/71 15:20

Subject Name:

Roger Stewart

Operator Name: I.D.

290047 02/26/71

Location

1

NS IV Serial no: 099368
Version no: 502B

TEST KICOMI 00969

Temp Date Time 210L %

Air Blank:

02/26/71 15:02 .000

Calibration Check:

25 02/26/71 15:02 .101

Subject Name:

Subject I.D.

Roger Stewart

Operator Name: I.D.

290047 02/26/71

Location



GUTH LABORATORIES, INC.

590 NORTH 67th STREET • HARRISBURG, PA 17111-4511 • TELEPHONE: 717-554-5470

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.



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

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PERMIT
TYPE II
ROGER A STEWART

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 2/26/2019

NUMBER 290047

EXPIRES 2/26/2021

MO 580-0771 (6-10)

DIRECTOR OF STATE PUBLIC HEALTH LABORATORY

DIRECTOR OF DEPARTMENT OF HEALTH AND SENIOR SERVICES

LAB-4 (R5-10)

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 **STEWART, ROGER**
Permit No **290047**
Date Issued **2/26/2019** Date Expires **2/26/2021**