



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 099362	PRINTER SN 097.3584.362	DATE OF INSPECTION 10 SEP 2020
LOCATION OF INSTRUMENT (STREET AND CITY) 1031 VANDENBERG AVE, WHITE MAN AFB		TIME OF INSPECTION 1000

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.

<input checked="" type="checkbox"/> DIGITAL READOUT (ALL ELEMENTS OPERATIONAL)
<input checked="" type="checkbox"/> TEMPERATURE OF ALCO SENSOR (10°C - 40°C)
<input checked="" type="checkbox"/> PRINTER WORKING PROPERLY
<input checked="" type="checkbox"/> TIME AND DATE DISPLAYING PROPERLY

BREATH ALCOHOL ACCURACY STANDARDS

<input checked="" type="checkbox"/> SIMULATOR SOLUTION	<input type="checkbox"/> COMPRESSED ETHANOL-GAS MIXTURE
<input checked="" type="checkbox"/> STANDARD SUPPLIER GUTH LOT # 18370 EXP. DATE 5 Dec 2020	
<input checked="" type="checkbox"/> SIMULATOR TEMPERATURE (34°C ± 0.2°C) 34.0 SIMULATOR SN MP 2935 SIMULATOR EXP DATE 7 July 21	

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)

<input checked="" type="checkbox"/> 0.100% STANDARD - MUST READ BETWEEN 0.095% and 0.105% INCLUSIVE
<input type="checkbox"/> 0.080% STANDARD - MUST READ BETWEEN 0.076% and 0.084% INCLUSIVE
<input type="checkbox"/> 0.040% STANDARD - MUST READ BETWEEN 0.038% and 0.042% INCLUSIVE

TEST 1 101%	TEST 2 100%	TEST 3 109%
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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)
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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 Thomas G. Huffles
TYPE II PERMIT NUMBER/EXPIRATION DATE 290003 / 04 JAN 2021	TELEPHONE NUMBER 660-687-1821

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



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



PERMIT
TYPE II
THOMAS G HUTFLES

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 1/4/2019

NUMBER 290003

EXPIRES 1/4/2021

DIRECTOR OF STATE PUBLIC HEALTH LABORATORY

DIRECTOR OF DEPARTMENT OF HEALTH AND SENIOR SERVICES

MO 580-0771 (6-10)

LAB-4 (R6-10)

 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 HUTFLES, THOMAS
 Permit No 290003
 Date Issued 1/4/2019 Date Expires 1/4/2021





GUTH LABORATORIES, INC.

590 NORTH 67th STREET • HARRISBURG, PA 17111-4611 • TELEPHONE: 717-564-5470

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 $34^{\circ}\text{C} \pm .2^{\circ}\text{C}$, 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 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.

AS IV Serial no: 099362
Version no: 532B

TEST RECORD 01307

Temp Date Time 210L
Air Blank: 09/10/20 10:04 .000
Subject Test: Auto
22 09/10/20 10:04 .101

Subject Name

Subject I.D.

Operator Name, I.D.

Thomas L. Hercules 290003

Location

Handwritten signature

AS IV Serial no: 099362
Version no: 532B

TEST RECORD 01310

Temp Date Time 210L
VOID: RFI 12 09/10/20 10:09

Subject Name

Subject I.D.

Operator Name, I.D.

Thomas L. Hercules 290003

Location

Handwritten signature

AS IV Serial no: 099362
Version no: 532B

TEST RECORD 01309

Temp Date Time 210L
Air Blank: 09/10/20 10:08 .000
Subject Test: Auto
23 09/10/20 10:08 .099

Subject Name

Subject I.D.

Operator Name, I.D.

Thomas L. Hercules 290003

Location

Handwritten signature

AS IV Serial no: 099362
Version no: 532B

TEST RECORD 01308

Temp Date Time 210L
Air Blank: 09/10/20 10:06 .000
Subject Test: Auto
22 09/10/20 10:06 .100

Subject Name

Subject I.D.

Operator Name, I.D.

Thomas L. Hercules 290003

Location

Handwritten signature