



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 100286	PRINTER SN 093.3563.013	DATE OF INSPECTION 08 MAR 16
LOCATION OF INSTRUMENT (STREET AND CITY) 1031 VANDENBERG, AVE, WHITEMAN AFB		TIME OF INSPECTION 1340

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 LABS INC.** LOT # **15120** EXP. DATE **29 APR 17**
- SIMULATOR TEMPERATURE (34°C ± 0.2°C) **34.0°C** SIMULATOR SN **SD3147** SIMULATOR EXP DATE **23 NOV 16**

- 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 • .106	TEST 2 • .105	TEST 3 • .105
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- RFI DETECTOR OPERATING **RFI DETECTED**

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).

INSPECTING OFFICER	
SIGNATURE 	PRINT NAME THOMAS G. HUTCHES
TYPE # PERMIT NUMBER/EXPIRATION DATE 240353 / 10/3/2016	TELEPHONE NUMBER 660-687-2724

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



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 **15120** of Alcohol Reference Solution for Simulator were analyzed by gas chromatography on **May 4, 2015**, using a Perkin Elmer Gas Chromatograph Autosystem XL S/N: 610N9030209, and found to contain **0.1209%** (w/vol) ethyl alcohol. The expiration date for this lot number is **April 29, 2017** 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 **FN08051301** 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: 100286
Version no: 532B

TEST RECORD 00360
s/
Temp Date Time 210L

Air Blank:
03/08/16 13:53 .000
Subject Test: Auto
27 03/08/16 13:53 .105

Subject Name

Subject J.D.

Tommy HUTFLES
Operator Name, J.D.

Location

AS IV Serial no: 100286
Version no: 532B

TEST RECORD 00359
s/
Temp Date Time 210L

Air Blank:
03/08/16 13:52 .000
Subject Test: Auto
27 03/08/16 13:52 .105

Subject Name

Subject J.D.

Tommy HUTFLES
Operator Name, J.D.

Location

AS IV Serial no: 100286
Version no: 532B

TEST RECORD 00358
s/
Temp Date Time 210L

Air Blank:
03/08/16 13:50 .000
Subject Test: Auto
27 03/08/16 13:50 .106

Subject Name

Subject J.D.

Tommy HUTFLES
Operator Name, J.D.

Location

AS IV Serial no: 100286
Version no: 532B

TEST RECORD 00357
s/
Temp Date Time 210L

VOID: RTJ
12 03/08/16 13:46

Subject Name

Subject J.D.

Tommy HUTFLES
Operator Name, J.D.

Location