



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

RECEIVED
 By Carol Day at 9:51 am, Jul 27, 2015

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 100291	PRINTER SN 093.3563.019	DATE OF INSPECTION 07/22/2015
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LOCATION OF INSTRUMENT (STREET AND CITY) 700 W. Main St, Willow Springs	TIME OF INSPECTION 9:40 pm
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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

<input checked="" type="checkbox"/> SIMULATOR SOLUTION	<input type="checkbox"/> COMPRESSED ETHANOL-GAS MIXTURE
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<input checked="" type="checkbox"/> STANDARD SUPPLIER <u>GUTH LABORATORIES</u>	LOT # <u>14220</u>	EXP. DATE <u>09/24/2016</u>
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<input checked="" type="checkbox"/> SIMULATOR TEMPERATURE (34°C ± 0.2°C) <u>34.0</u>	SIMULATOR SN <u>SD2239</u>	SIMULATOR EXP DATE <u>04/20/2016</u>
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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 .098	TEST 2 .098	TEST 3 .098
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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)	1	(.05-.09)	0	(.10-.14)	2	(.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 Wes Ellison
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TYPE II PERMIT NUMBER/EXPIRATION DATE #250084 05/11/2017	TELEPHONE NUMBER (417) 469-3158
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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 IV Serial no: 100291
Version no: 532B

TEST RECORD 00123
Temp Date Time 210L
Air Blank:
07/22/15 21:42 .000
Calibration Check:
25 07/22/15 21:42 .000

Subject Name
Non Alcohol TEST
Subject I.D.
ELLISON 250084
Operator Name, I.D.
WILLOW SPRINGS PD
Location

AS IV Serial no: 100291
Version no: 532B

TEST RECORD 00126
Temp Date Time 210L
Air Blank:
07/22/15 21:53 .000
Calibration Check:
26 07/22/15 21:53 .000

Subject Name
TEST #2
Subject I.D.
ELLISON 250084
Operator Name, I.D.
WILLOW SPRINGS PD.
Location

AS IV Serial no: 100291
Version no: 532B

TEST RECORD 00124
Temp Date Time 210L
Air Blank:
07/22/15 21:45 .000
Calibration Check:
25 07/22/15 21:45 .000

Subject Name
TEST #1
Subject I.D.
ELLISON 250084
Operator Name, I.D.
WILLOW SPRINGS POLICE
Location

AS IV Serial no: 100291
Version no: 532B

TEST RECORD 00127
Temp Date Time 210L
Air Blank:
07/22/15 21:55 .000
Calibration Check:
26 07/22/15 21:55 .000

Subject Name
TEST #3
Subject I.D.
ELLISON 250084
Operator Name, I.D.
WILLOW SPRINGS PD
Location

AS IV Serial no: 100291
Version no: 532B

TEST RECORD 00128
Temp Date Time 210L
VOID: RFI
12 07/22/15 21:57

Subject Name
RFI
Subject I.D.
ELLISON 250084
Operator Name, I.D.
WILLOW SPRINGS PD
Location



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 **14220** of Alcohol Reference Solution for Simulator were analyzed by gas chromatography on **September 25, 2014**, 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 **September 24, 2016** 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.



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

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PERMIT
TYPE II
WES ELLISON

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 DMT

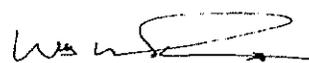
for the determination of the alcoholic content of blood from a sample of expired air. Permit issued under the provisions of sections 577.020 through 577.041, RSMo and 306.111 through 306.119 RSMo.

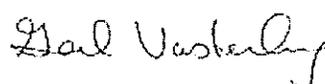
DATE 5/11/2015

NUMBER 250084

EXPIRES 5/11/2017

MO 580-01-11 (6-12)


 DIRECTOR OF STATE PUBLIC HEALTH LABORATORY


 DIRECTOR OF DEPARTMENT OF HEALTH AND SENIOR SERVICES

L 48-4 (05-15)

 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 ELLISON, WES
 Permit No 250084
 Date Issued 5/11/2015 Date Expires 5/11/2017