

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

RECEIVED
 By Carol Day at 2:21 pm, Oct 01, 2014

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 102465	PRINTER SN 088.3473.063	DATE OF INSPECTION 10/01/2014
LOCATION OF INSTRUMENT (STREET AND CITY) 350 East High Strett Jefferson City		TIME OF INSPECTION 1:01 pm

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 LOT # 14200 EXP. DATE 08/05/2016

SIMULATOR TEMPERATURE (34°C ± 0.2°C) 34.0 SIMULATOR SN SD3137 SIMULATOR EXP DATE 07/15/2015

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 → .099	TEST 2 → .098	TEST 3 → .099
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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)	2	(.15-.19)	1	(OVER .19)	0
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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 J. Cregger
TYPE / PERMIT NUMBER/EXPIRATION DATE 230089-03-03-2015	TELEPHONE NUMBER (573) 634-9160

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: 192405
Version no: 0040

TEST RECORD 00527

Temp Date Time ^{N/} 2101

Air Blank:
19/01/14 13:06 .000
Calibration Check:
24 19/01/14 13:06 .000

Subject Name

Subject I.D.

Operator Name, I.D.

Location

AS IV Serial no: 192405
Version no: 0040

TEST RECORD 00526

Temp Date Time ^{N/} 2101

Air Blank:
19/01/14 13:04 .000
Calibration Check:
23 19/01/14 13:04 .000

Subject Name

Subject I.D.

Operator Name, I.D.

Location

AS IV Serial no: 192405
Version no: 0040

TEST RECORD 00525

Temp Date Time ^{N/} 2101

Air Blank:
19/01/14 13:01 .000
Calibration Check:
22 19/01/14 13:01 .000

Subject Name

Subject I.D.

Operator Name, I.D.

Location

AS IV Serial no: 192405
Version no: 0040
TEST RECORD 00528
^{N/}
Temp Date Time 2101
Valid RTI
12 19/01/14 13:07
Subject Name
Subject I.D.
Operator Name, I.D.
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 **14200** of Alcohol Reference Solution for Simulator were analyzed by gas chromatography on **August 6, 2014**, using a Perkin Elmer Gas Chromatograph Autosystem XL S/N: 610N9030209, and found to contain **0.1213%** (w/vol) ethyl alcohol. The expiration date for this lot number is **August 5, 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%.

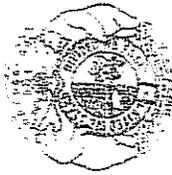
The alcohol and water used in this solution were free of test interfering substances.

Ted L. Pauley, President
GUTH LABORATORIES, INC.

NIST Traceability:

Testing was conducted using Cerilliant Reference Standard lot number FNI22211-02 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

(2)

PERMIT
TYPE II

JOSEPH E CREGGAR

is hereby authorized to instruct and supervise operators, train instructors, inspect, calibrate, perform field service and repairs, and operate the following breath analyzer(s):

DATA MASTER, ALCO-SENSOR IV W/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 **03/04/2013**

NUMBER **230039**

EXPIRES **03/04/2015**

W. A. ...
 DIRECTOR OF STATE PUBLIC HEALTH LABORATORY

2100 Vandeventer
 Director of Health Services
 DEPARTMENT OF HEALTH AND SENIOR SERVICES
 2100 Vandeventer
 ST. LOUIS, MO 63114