



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

RECEIVED
 By Carol Day at 2:38 pm, Mar 31, 2014
 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 097413	PRINTER SN 091.3580.867	DATE OF INSPECTION 03/20/2014
LOCATION OF INSTRUMENT (STREET AND CITY) 52 YOUNG DR CALVERTONPARK MO 63135		TIME OF INSPECTION 07:23

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 LABORATORIES LOT # 13210 EXP. DATE 07/29/2015
- SIMULATOR TEMPERATURE (34°C ± 0.2°C) 34C SIMULATOR SN SD3327 SIMULATOR EXP DATE 01/13/2015

- 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 \Rightarrow .101	TEST 2 \Rightarrow .101	TEST 3 \Rightarrow .102
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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)	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).

GUTH LAB .10013210 EXP 07/29/2015 TIME CHANGED

INSPECTING OFFICER

SIGNATURE 	PRINT NAME Lowell Moon
TYPE II PERMIT NUMBER/EXPIRATION DATE 220110 05/09/2014	TELEPHONE NUMBER (314) 524-1212

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.

690 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 **13210** of Alcohol Reference Solution for Simulator were analyzed by gas chromatography on **July 31, 2013**, using a Perkin Elmer Gas Chromatograph Autosystem XL S/N: 610N9030209, and found to contain **0.1216%** (w/vol) ethyl alcohol. The expiration date for this lot number is **July 29, 2015** 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 FN122211-02 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.

RFP

RS IV Serial no: 097413
Version no: 004C

TEST RECORD 00435

Temp	Date	Time	sr
Void: RFI			
12	03/20/14	07:29	

Subject Name

Subject I.D.

Operator Name, I.D.
Rddo110

Location

1

RS IU Serial no: 097413
Version no: 004C

TEST RECORD 00432

Temp Date Time 210L
s/

Air Blank: 03/20/14 07:23 .000

Calibration Check: 22 03/20/14 07:23 .101

Subject Name

Subject I.D.

Operator Name: I.D.

Location

2

RS IU Serial no: 097413
Version no: 004C

TEST RECORD 00433

Temp Date Time 210L
s/

Air Blank: 03/20/14 07:25 .000

Calibration Check: 23 03/20/14 07:25 .101

Subject Name

Subject I.D.

Operator Name: I.D.

Location

3

RS IU Serial no: 097413
Version no: 004C

TEST RECORD 00434

Temp Date Time 210L
s/

Air Blank: 03/20/14 07:27 .000

Calibration Check: 23 03/20/14 07:27 .102

Subject Name

Subject I.D.

Operator Name: I.D.

Location

State of Missouri
DEPARTMENT OF HEALTH



P E R M I T
T Y P E I I



LOWELL MOORE

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

ALCO-SENSOR IV W/PRINTER

for the determination of the alcoholic content of blood from a sample of expired (alveolar) air. Issued under the provisions of sections 577.020 through 577.041, RSMo 1986.

Date 05/09/2012

Number 220110

Expires 05/09/2014

Director of State Public Health Laboratory

Director, Department of Health