MISSOURI DEPARTMENT OF HEALTH AND SENIOR SERVICES
STATE PUBLIC HEALTH LABORATORY

ALCO-SENSOR IV WITH PRINTER MAINTENANCE REPORT

RECEIVED
By Carol Day at 1:32 pm, Mar 19, 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	PRINTER SN	DATE OF INSPECTION
107975	099.3586.829	03/18/2014
LOCATION OF INSTRUMENT (STREET AND CITY)		TIME OF INSPECTION
203 N. 2nd St., Bates City, MO		5:46 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 Laboratories, Inc LOT # 12100 EXP. DATE 07/18/2014

☑ SIMULATOR TEMPERATURE (34°C ± 0.2°C) 34.0 SIMULATOR SN SD2315 SIMULATOR EXP DATE 01/15/2015

☑ 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 ☛ .095	TEST 2 ☛ .095	TEST 3 ☛ .096

☑ 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-.04)	(.05-.09)	(.10-.14)	(.15-.19)	(OVER .19)
0	0	0	0	0	0

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
▸ Virginia DeBoard	Virginia DeBoard
TYPE II PERMIT NUMBER/EXPIRATION DATE	TELEPHONE NUMBER
230032 2/19/2015	(816) 881-4617

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: 107975
Version no: 532B

TEST RECORD 00020

Temp	Date	Time	g/ 210L
Air Blank:			
	03/18/14	17:49	.000
Calibration Check:			
27	03/18/14	17:49	.096

Subject Name

Subject I.D.

Virginia DeBoard 986

Operator Name, I.D.

203 N. 2nd St

Location

Bates City MO

AS IV Serial no: 107975
Version no: 532B

TEST RECORD 00018

Temp	Date	Time	g/ 210L
Air Blank:			
	03/18/14	17:46	.000
Calibration Check:			
25	03/18/14	17:46	.095

Subject Name

Subject I.D.

Operator Name, I.D.

Virginia DeBoard 986

Location

203 N. 2nd St

Bates City MO

AS IV Serial no: 107975
Version no: 532B

TEST RECORD 00021

Temp	Date	Time	g/ 210L
VOID: RFI			
12	03/18/14	17:49	

Subject Name

Subject I.D.

Virginia DeBoard #986

Operator Name, I.D.

203 N 2nd St

Location

Bates City MO

AS IV Serial no: 107975
Version no: 532B

TEST RECORD 00019

Temp	Date	Time	g/ 210L
Air Blank:			
	03/18/14	17:47	.000
Calibration Check:			
26	03/18/14	17:47	.095

Subject Name

Subject I.D.

Operator Name, I.D.

Virginia DeBoard 986

Location

203 N. 2nd St

Bates City MO

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 **12100** of Alcohol Reference Solution for Simulator were analyzed by gas chromatography on **July 20, 2012,** using a Perkin Elmer Gas Chromatograph Autosystem XL S/N: 610N9030209, and found to contain **0.1217%** (w/vol) ethyl alcohol. The expiration date for this lot number is **July 18, 2014** at 11:59 PM.

When used in a calibrated Simulator, operating at 34°C +/- .2°C, this solution will give a breath alcohol analysis instrument reading of **0.100 g/210L +/- 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.

STATE OF MISSOURI

DEPARTMENT OF HEALTH AND SENIOR SERVICES

BREATH ALCOHOL PROGRAM

2

PERMIT

TYPE II

VIRGINIA DEBOARD

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 W/PRINTER, INTOXILYZER 5000

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 02/19/2013

NUMBER 230032

EXPIRES 02/19/2015

DIRECTOR OF STATE PUBLIC HEALTH LABORATORY

Acting Director

DIRECTOR OF DEPARTMENT OF HEALTH AND SENIOR SERVICES

MO 580-0771 (6-10)

LAB-4 (R6-10)