MISSOURI DEPARTMENT OF HEALTH AND SENIOR SERVICES
STATE PUBLIC HEALTH LABORATORY

ALCO-SENSOR IV WITH PRINTER MAINTENANCE REPORT

RECEIVED
By Carol Day at 9:22 am, Feb 10, 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	PRINTER SN	DATE OF INSPECTION
087975	08C.3556.250	02/08/2014
LOCATION OF INSTRUMENT (STREET AND CITY)		TIME OF INSPECTION
119 South Church Street, Union		2:05 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 LOT # 13210 EXP. DATE 07/29/2015

☑ SIMULATOR TEMPERATURE (34°C ± 0.2°C) 34.0 SIMULATOR SN SD3332 SIMULATOR EXP DATE 07/10/2014

☑ 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 ☛ .100%	TEST 2 ☛ .101%	TEST 3 ☛ .100%

☑ 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	1	1	0	2

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
▸	Arthur J. Amato
TYPE II PERMIT NUMBER/EXPIRATION DATE	TELEPHONE NUMBER
230086 / 05/15/2015	(636) 583-3700

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 17111-4611 • 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°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.

AS IV Serial no: 087975
Version no: 004C

TEST RECORD 01042

Temp Date Time 210L

Air Blank:
02/08/14 14:05 .000
Calibration Check:
24 02/08/14 14:05 .100

Subject Name
Maintenance

Subject I.D.
Union P.D.

Operator Name, I.D.

Location
Union PD

AS IV Serial no: 087975
Version no: 004C

TEST RECORD 01043

Temp Date Time 210L

Air Blank:
02/08/14 14:07 .080
Calibration Check:
25 02/08/14 14:07 .101

Subject Name
maintenance

Subject I.D.
Union P.D.

Operator Name, I.D.

Location
union P.D.

AS IV Serial no: 087975
Version no: 004C

TEST RECORD 01044

Temp Date Time 210L

Air Blank:
02/08/14 14:09 .000
Calibration Check:
26 02/08/14 14:09 .100

Subject Name
Maintenance

Subject I.D.
Union P.D.

Operator Name, I.D.

Location
union P.D.

AS IV Serial no: 087975
Version no: 004C

TEST RECORD 01045

Temp Date Time 210L

Void: RFI
12 02/08/14 14:11

Subject Name
maintenance

Subject I.D.
Union P.D.

Operator Name, I.D.

Location
union P.D.

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STATE OF MISSOURI

DEPARTMENT OF HEALTH AND SENIOR SERVICES

BREATH ALCOHOL PROGRAM

PERMIT

TYPE II

ARTHUR J AMATO

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

DATAMASTER, INTOXILYZER 5000, 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 05/15/2013

NUMBER 230086

EXPIRES 05/15/2015

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)