MISSOURI DEPARTMENT OF HEALTH AND SENIOR SERVICES
STATE PUBLIC HEALTH LABORATORY

ALCO-SENSOR IV WITH PRINTER MAINTENANCE REPORT

RECEIVED
By Carol Day at 8:26 am, Aug 07, 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
097425	096.3580.866	07/03/2014

LOCATION OF INSTRUMENT (STREET AND CITY)	TIME OF INSPECTION
Troop F Headquarters	8:33 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 # 13290 EXP. DATE 10/29/2015

☑ SIMULATOR TEMPERATURE (34°C ± 0.2°C) 34.0 SIMULATOR SN CD05457 SIMULATOR EXP DATE 06/03/2015

☑ 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 ☛ .098	TEST 2 ☛ .098	TEST 3 ☛ .099

☑ 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
▸	Trooper R.R. Dowd
TYPE II PERMIT NUMBER/EXPIRATION DATE	**TELEPHONE NUMBER**
240272 / 06-13-2016	(573) 751-1000

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

AN EQUAL OPPORTUNITY/AFFIRMATIVE ACTION EMPLOYER
services provided on a nondiscriminatory basis

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 **13290** of Alcohol Reference Solution for Simulator were analyzed by gas chromatography on **October 31, 2013,** using a Perkin Elmer Gas Chromatograph Autosystem XL S/N: 610N9030209, and found to contain **0.1202%** (w/vol) ethyl alcohol. The expiration date for this lot number is **October 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: 097425
Version no: 004C

TEST RECORD 00248

Temp	Date	Time	9/ 210L

Air Blank:
08/04/14 20:33 .000
Calibration Check:
21 08/04/14 20:33 .098

Subject Name
TEST #1
Subject I.D.

Operator Name, I.D.
TPR RR DOWD
Location
TROOP F HEADQUARTERS

AS IV Serial no: 097425
Version no: 004C

TEST RECORD 00249

Temp	Date	Time	9/ 210L

Air Blank:
08/04/14 20:36 .000
Calibration Check:
22 08/04/14 20:36 .098

Subject Name
TEST #2
Subject I.D.

Operator Name, I.D.
TPR RR DOWD
Location
TROOP F HEADQUARTERS

AS IV Serial no: 097425
Version no: 004C

TEST RECORD 00250

Temp	Date	Time	9/ 210L

Air Blank:
08/04/14 20:38 .000
Calibration Check:
23 08/04/14 20:38 .099

Subject Name
TEST #3
Subject I.D.

Operator Name, I.D.
TPR RR DOWD
Location
TROOP F HEADQUARTERS

AS IV Serial no: 097425
Version no: 004C

TEST RECORD 00252

Temp	Date	Time	9/ 210L

Void: RFI
12 08/04/14 20:56

Subject Name
RFI TEST
Subject I.D.

Operator Name, I.D.
TPR RR DOWD
Location
TROOP F HEADQUARTERS