MISSOURI DEPARTMENT OF HEALTH AND SENIOR SERVICES
STATE PUBLIC HEALTH LABORATORY

ALCO-SENSOR IV WITH PRINTER MAINTENANCE REPORT

RECEIVED
By Carol Day at 8:09 am, Apr 03, 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
102458	093.3578.252	04/02/2014
LOCATION OF INSTRUMENT (STREET AND CITY)		TIME OF INSPECTION
600 E. Walnut Columbia		6:47 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 # 13210 EXP. DATE 07/29/2015

☑ SIMULATOR TEMPERATURE (34°C ± 0.2°C) 34.0 SIMULATOR SN SD2761 SIMULATOR EXP DATE 01/07/2015

☑ 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 ☛ .100	TEST 2 ☛ .100	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	2	(0-.04)	1	(.05-.09)	3	(.10-.14)	4	(.15-.19)	4	(OVER .19)	4

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).

Time updated for daylight savings time.

INSPECTING OFFICER

SIGNATURE	PRINT NAME
▸	Nathan Turner
TYPE II PERMIT NUMBER/EXPIRATION DATE	TELEPHONE NUMBER
220411 12/20/14	(573) 874-7652

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.
[illegible] NORTH [illegible] STREET • HARRISBURG, PA [illegible] • TELEPHONE [illegible]

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, 2018 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 Certificant 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: 102458
Version no: 004C

TEST RECORD 00799

Temp	Date	Time	210L

Air Blank:
04/02/14 18:50 .000
Calibration Check:
20 04/02/14 18:50 .100

Subject Name
Test

Subject I.D.

Operator Name, I.D.
Turner 1985

Location
CPD

AS IV Serial no: 102458
Version no: 004C

TEST RECORD 00797

Temp	Date	Time	210L

Air Blank:
04/02/14 18:47 .000
Calibration Check:
18 04/02/14 18:47 .100

Subject Name
Test

Subject I.D.

Operator Name, I.D.
Turner 1985

Location
CPD

AS IV Serial no: 102458
Version no: 004C

TEST RECORD 00800

Temp	Date	Time	210L

Void: RFI
12 04/02/14 18:51

Subject Name
Test

Subject I.D.

Operator Name, I.D.
Turner 1985

Location
CPD

AS IV Serial no: 102458
Version no: 004C

TEST RECORD 00798

Temp	Date	Time	210L

Air Blank:
04/02/14 18:48 .000
Calibration Check:
19 04/02/14 18:48 .100

Subject Name
Test

Subject I.D.

Operator Name, I.D.
Turner 1985

Location
CPD