MISSOURI DEPARTMENT OF HEALTH AND SENIOR SERVICES
STATE PUBLIC HEALTH LABORATORY

ALCO-SENSOR IV WITH PRINTER MAINTENANCE REPORT

RECEIVED
By Carol Day at 7:26 am, May 12, 2015

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
105444	096.3580.865	05/11/2015

LOCATION OF INSTRUMENT (STREET AND CITY)	TIME OF INSPECTION
304 S. Clarke Clever, Missouri 65631	3:20 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.

- [x] DIGITAL READOUT (ALL ELEMENTS OPERATIONAL)
- [x] TEMPERATURE OF ALCO SENSOR (10°C - 40°C)
- [x] PRINTER WORKING PROPERLY
- [x] TIME AND DATE DISPLAYING PROPERLY

BREATH ALCOHOL ACCURACY STANDARDS

- [x] SIMULATOR SOLUTION
- [ ] COMPRESSED ETHANOL-GAS MIXTURE

- [x] STANDARD SUPPLIER Guth LOT # 15050 EXP. DATE 03/09/2017
- [x] SIMULATOR TEMPERATURE (34°C ± 0.2°C) 34.0 SIMULATOR SN SD2259 SIMULATOR EXP DATE 01/26/2016
- [x] 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)
  - [x] 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	TEST 2	TEST 3
.098	.098	.098

- [x] 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).

Unit placed into service this day.

INSPECTING OFFICER

SIGNATURE	PRINT NAME
	Randall E. Bruce
TYPE II PERMIT NUMBER/EXPIRATION DATE	**TELEPHONE NUMBER**
Permit Number 250082 Expiries 05/11/2017	(417) 743-2544

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

STATE OF MISSOURI

DEPARTMENT OF HEALTH AND SENIOR SERVICES

BREATH ALCOHOL PROGRAM

PERMIT

TYPE II

RANDALL E BRUCE

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 WITH PRINTER

for the determination of the alcoholic content of breath 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 **5/11/2015**

NUMBER **250082**

EXPIRES **5/11/2017**

DIRECTOR OF STATE PUBLIC HEALTH LABORATORY

DIRECTOR OF DEPARTMENT OF HEALTH AND SENIOR SERVICES

STATE OF MISSOURI
DEPARTMENT OF HEALTH AND SENIOR SERVICES
BREATH ALCOHOL PROGRAM

INSTRUMENT OPERATOR CARD

The named cardholder is authorized to operate an evidential breath alcohol instrument for the determination of the alcoholic content in breath form of expired air in Missouri.

Operator BRUCE, RANDALL
Permit No 250082
Date Issued 5/11/2015 Date Expires 5/11/2017

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 **15050** of Alcohol Reference Solution for Simulator were analyzed by gas chromatography on **March 11, 2015,** using a Perkin Elmer Gas Chromatograph Autosystem XL S/N: 610N9030209, and found to contain **0.1218%** (w/vol) ethyl alcohol. The expiration date for this lot number is **March 9, 2017** 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 **FN08051301** 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.

Simulator Calibration Report

This calibration report is to certify the alcohol reference simulator listed below has been examined and tested using standards traceable to the National Institute of Standards and Technology (NIST) in accordance with the standards set by the Missouri Department of Health and Senior Services Rules and Regulations: 19 CSR 25-30.051 (4).

Checked: 01/26/2015 Expires: 01/26/2016
Digital Therm. SN: 093752 Temp: 34.01
MSC Tech: RW
Agency: Clever Police Dept.
SD2259

Technician Printed Name: ROBERT WELSH

Technician Signature:

Date: 01/26/2015

Contact: Missouri Safety Center

Breath-Alcohol Instrument Training Program

660-543-4834

Version no: 532B

TEST RECORD 00282

Temp	Date	Time	g/ 210L

Air Blank:
05/11/15 15:12 .000
Subject Test: Auto
23 05/11/15 15:12 .000

Subject Name
Blank
Subject I.D.
Test
Operator Name, I.D.
Randall E. Bruce
Location
Clever P.D.

304 So. Clarke Clever, MO

Version no: 532B

TEST RECORD 00283

Temp	Date	Time	g/ 210L

Air Blank:
05/11/15 15:17 .000
Calibration Check:
24 05/11/15 15:17 .098

Subject Name
Test #1
Subject I.D.

Operator Name, I.D.
Randall Bruce
Location
Clever, P.D.

304 So. Clarke Clever, MO

AS IV Serial no: 105444
Version no: 532B

TEST RECORD 00284

Temp	Date	Time	g/ 210L

Air Blank:
05/11/15 15:20 .000
Calibration Check:
25 05/11/15 15:20 .098

Subject Name
Test #2
Subject I.D.

Operator Name, I.D.
Randall E Bruce
Location
Clever P.D.

304 So. Clarke Clever MO.

AS IV Serial no: 105444
Version no: 532B

TEST RECORD 00285

Temp	Date	Time	g/ 210L

Air Blank:
05/11/15 15:22 .000
Calibration Check:
26 05/11/15 15:22 .098

Subject Name
Test #3
Subject I.D.

Operator Name, I.D.
Randall E. Bruce
Location
304 So. Clarke

Clever, MO

AS IV Serial no: 105444
Version no: 532B

TEST RECORD 00286

Temp	Date	Time	g/ 210L

VOID: RFI
12 05/11/15 15:23

Subject Name
RFI
Subject I.D.

Operator Name, I.D.
Randall Bruce
Location
304 So. Clarke

Clever P.P.