MISSOURI DEPARTMENT OF HEALTH AND SENIOR SERVICES
STATE PUBLIC HEALTH LABORATORY

ALCO-SENSOR IV WITH PRINTER MAINTENANCE REPORT

RECEIVED
By Carol Day at 2:36 pm, Sep 08, 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
100291	093.3563.019	09/02/2014

LOCATION OF INSTRUMENT (STREET AND CITY)	TIME OF INSPECTION
700 West Main Street, Willow Springs	5:31 am

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) 24
- [x] PRINTER WORKING PROPERLY
- [x] TIME AND DATE DISPLAYING PROPERLY 09/02/14 05:31

BREATH ALCOHOL ACCURACY STANDARDS

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

- [x] STANDARD SUPPLIER Guth Labs LOT # 13280 EXP. DATE 10/16/2015
- [x] SIMULATOR TEMPERATURE (34°C ± 0.2°C) 34.0c SIMULATOR SN SD2239 SIMULATOR EXP DATE 06/05/2015

- [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 ☛
.101	.101	.101

- [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	1	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
▸ [signature]	Bryan Wickham
TYPE II PERMIT NUMBER/EXPIRATION DATE	**TELEPHONE NUMBER**
240300 07/15/2016	(417) 469-3158

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.
890 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 **13280** of Alcohol Reference Solution for Simulator were analyzed by gas chromatography on **October 18, 2013,** 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 **October 16, 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.

IV Serial no: 100291
sion no: 532B

TEST RECORD 00050

Temp	Date	Time	210L
Blank:			
	09/02/14	05:31	.000
ibration Check:			
4	09/02/14	05:31	.101

ject Name

ject I.D.

rator Name, I.D.
B. WICKHAM 405
ation

AS IV Serial no: 100291
Version no: 532B

TEST RECORD 00051

Temp	Date	Time	210L
Air Blank:			
	09/02/14	05:32	.000
Calibration Check:			
25	09/02/14	05:32	.101

Subject Name

Subject I.D.

Operator Name, I.D.
B. WICKHAM 405
Location

AS IV Serial no: 100291
Version no: 532B

TEST RECORD 00052

Temp	Date	Time	210L
Air Blank:			
	09/02/14	05:34	.000
Calibration Check:			
25	09/02/14	05:34	.101

Subject Name

Subject I.D.

Operator Name, I.D.
B. WICKHAM 405
Location

AS IV Serial no: 100291
Version no: 532B

TEST RECORD 00053

Temp	Date	Time	210L
VOID: RFI			
12	09/02/14	05:35	

Subject Name

Subject I.D.

Operator Name, I.D.
B. WICKHAM 405
Location

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

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PERMIT
TYPE II

BRYAN K WICKHAM

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 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 7/15/2014

NUMBER 240300

EXPIRES 7/15/2016

DIRECTOR OF STATE PUBLIC HEALTH LABORATORY

DIRECTOR OF DEPARTMENT OF HEALTH AND SENIOR SERVICES

MO 580-0771 (8-10)

LAB-4 (R6-10)

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 WICKHAM, BRYAN
Permit No 240300
Date Issued 7/15/2014 Date Expires 7/15/2016