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By Carol Day at 3:23 pm, Jun 10, 2016

MISSOURI DEPARTMENT OF HEALTH AND SENIOR SERVICES
STATE PUBLIC HEALTH LABORATORY

ALCO-SENSOR IV WITH PRINTER MAINTENANCE REPORT

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	06/05/2016
LOCATION OF INSTRUMENT (STREET AND CITY)		TIME OF INSPECTION
116 W. Brooks St. Brookfield MO		01:34 a.m.

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 Laboratories LOT # 15220 EXP. DATE 09/28/2017
- [x] SIMULATOR TEMPERATURE (34°C ± 0.2°C) 34.0 SIMULATOR SN SD2763 SIMULATOR EXP DATE 04/01/2017
- [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	.100	.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)
				1	1

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).

First Test was high. I recalibrated the instrument. I preformed the Acc. Check then preformed the Maintenance checks.

INSPECTING OFFICER

SIGNATURE	PRINT NAME
205	Jeremiah W. Bluker
TYPE II PERMIT NUMBER/EXPIRATION DATE	TELEPHONE NUMBER
260211 05/03/2018	660-258-3385

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

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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 **15220** of Alcohol Reference Solution for Simulator were analyzed by gas chromatography on **September 30, 2015,** using a Perkin Elmer Gas Chromatograph Autosystem XL S/N: 610N9030209, and found to contain **0.1214%** (w/vol) ethyl alcohol. The expiration date for this lot number is **September 28, 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.

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AS IV Serial no: 102458
Version no: 532B

TEST RECORD 00187

Temp	Date	Time	210L

Air Blank:
06/05/16 01:42 .000
Calibration:
23 06/05/16 01:42 .100

Subject Name
Calibration
Subject I.D.

Operator Name, I.D.
J. Blaker 260211
Location
BPD

AS IV Serial no: 102458
Version no: 532B

TEST RECORD 00185

Temp	Date	Time	210L

VOID: RFI
12 06/05/16 01:34

Subject Name
RFI
Subject I.D.

Operator Name, I.D.
J. Blaker 260211
Location
BPD

AS IV Serial no: 102458
Version no: 532B

TEST RECORD 00186

Temp	Date	Time	210L

Air Blank:
06/05/16 01:36 .000
Calibration Check:
22 06/05/16 01:36 .107

Subject Name
Test 1
Subject I.D.

Operator Name, I.D.
J. Blaker 260211
Location
BPD

AS IV Serial no: 102458
Version no: 532B

TEST RECORD 00188

Temp	Date	Time	210L

Air Blank:
06/05/16 01:44 .000
Calibration Check:
25 06/05/16 01:44 .101

Subject Name
Acc check
Subject I.D.

Operator Name, I.D.
J. Blaker 260211
Location
BPD

AS IV Serial no: 102458
Version no: 532B

TEST RECORD 00189

Temp	Date	Time	210L

Air Blank:
06/05/16 01:46 .000
Calibration Check:
25 06/05/16 01:46 .101

Subject Name
Main 1
Subject I.D.

Operator Name, I.D.
J. Blaker 260211
Location
BPD

AS IV Serial no: 102458
Version no: 532B

TEST RECORD 00191

Temp	Date	Time	210L

Air Blank:
06/05/16 02:08 .000
Calibration Check:
24 06/05/16 02:08 .098

Subject Name
Main #3
Subject I.D.

Operator Name, I.D.
J. Blaker 260211
Location
BPD

AS IV Serial no: 102458
Version no: 532B

TEST RECORD 00190

Temp	Date	Time	210L

Air Blank:
06/05/16 01:48 .000
Calibration Check:
26 06/05/16 01:48 .100

Subject Name
Main 2
Subject I.D.

Operator Name, I.D.
J. Blaker 260211
Location
BPD

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

2

PERMIT
TYPE II

JEREMIAH W BLAKER

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, INTOX DMT

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 5/3/2016

NUMBER 260211

EXPIRES 5/3/2018

DIRECTOR OF STATE PUBLIC HEALTH LABORATORY

DIRECTOR OF DEPARTMENT OF HEALTH AND SENIOR SERVICES

MO 580-0771 (6-10)

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 BLAKER, JEREMIAH
Permit No 260211
Date Issued 5/3/2016 **Date Expires** 5/3/2018