RECEIVED 2756 P. 2
By Carol Day at 12:58 pm, Mar 01, 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
108392	099.3586.814	02/02/2016

LOCATION OF INSTRUMENT (STREET AND CITY)	TIME OF INSPECTION
5490 5th Street, Cottleville, Missouri 63304	5:07 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 # 15120 EXP. DATE 04/29/2017

☑ SIMULATOR TEMPERATURE (34°C ± 0.2°C) 34C SIMULATOR SN SD2588 SIMULATOR EXP DATE 03/30/2016

☑ 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 ☛ .101	TEST 2 ☛ .101	TEST 3 ☛ .101

☑ 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).

AS-IV came back from Missouri Safety Center due to repairs needed. Conducted a Monthly Maintenance at Cottleville Police Department after shipment. AS-IV is back in service.

Nothing further.

INSPECTING OFFICER

SIGNATURE	PRINT NAME
Jamie Snodgrass	Jamie E. Snodgrass, 440
TYPE II PERMIT NUMBER/EXPIRATION DATE	**TELEPHONE NUMBER**
250067/03/25/2017	(636) 498-6464

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.
699 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 **15120** of Alcohol Reference Solution for Simulator were analyzed by gas chromatography on **May 4, 2015,** using a Perkin Elmer Gas Chromatograph Autosystem XL S/N: 610N9030209, and found to contain **0.1209%** (w/vol) ethyl alcohol. The expiration date for this lot number is **April 29, 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.

AS IV Serial no: 108392
Version no: 532B

TEST RECORD 00207

Temp	Date	Time	210L

Air Blank:
02/02/16 17:10 .000
Calibration Check:
24 02/02/16 17:10 .101

Subject Name
Test 3
Subject I.D.

Operator Name, I.D.
J. Snodgress, 440
Location
Cottleville P.D.

AS IV Serial no: 108392
Version no: 532B

TEST RECORD 00206

Temp	Date	Time	210L

Air Blank:
02/02/16 17:08 .000
Calibration Check:
23 02/02/16 17:08 .101

Subject Name
Test 2
Subject I.D.

Operator Name, I.D.
J. Snodgress, 440
Location
Cottleville P.D

AS IV Serial no: 108392
Version no: 532B

TEST RECORD 00205

Temp	Date	Time	210L

Air Blank:
02/02/16 17:07 .000
Calibration Check:
22 02/02/16 17:07 .101

Subject Name
Test 1
Subject I.D.

Operator Name, I.D.
J. Snodgress, 440
Location
Cottleville P.D.

AS IV Serial no: 108392
Version no: 532B

TEST RECORD 00208

Temp	Date	Time	210L

VOID: RFI
12 02/02/16 17:11

Subject Name
RFI
Subject I.D.

Operator Name, I.D.
J. Snodgress, 440
Location
Cottleville P.D

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

2

PERMIT

TYPE II

JAMIE E SNODGRASS

[illegible]

ALCO-SENSOR IV WITH PRINTER

[illegible]

DATE [illegible]

[illegible]

EXPIRES [illegible]

[illegible]

[illegible]

[illegible]

STATE OF MISSOURI
[illegible]
INSTRUMENT OPERATOR CARD
[illegible]

MSC

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: 03/30/2016 Expires: 03/30/2016
Digital Therm. SN: 038762
MSC Tech: CRL Temp: 34.00
Agency: Cottleville Police Dept
SD 2583

Technician Printed Name: Dan Lucas

Technician Signature: [signature]

Date: 03/30/2015

Contact: Missouri Safety Center

Breath Alcohol Instrument Training Program