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By Brian Lutmer at 3:50 pm, Nov 02, 2015



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 <u>097429</u>	PRINTER SN <u>03A.2436.100</u>	DATE OF INSPECTION <u>10/29/2015</u>
LOCATION OF INSTRUMENT (STREET AND CITY) <u>400 First St. Hillsboro</u>		TIME OF INSPECTION <u>1203 hrs</u>

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 Lab LOT # 15120 EXP. DATE 04/29/2017

SIMULATOR TEMPERATURE (34°C ± 0.2°C) 34° SIMULATOR SN S02222 SIMULATOR EXP DATE 03/15/2016

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 = .103

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) 8 (.05-.09) 2 (.10-.14) 2 (.15-.19) 8 (OVER .19) 8

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: [Signature] PRINT NAME: Richard Deatle

TYPE II PERMIT NUMBER: 040268 EXPIRATION DATE: 06/12/2016 TELEPHONE NUMBER: 636 797-5000

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

AS IV Serial no: 097429
Version no: 532B

TEST RECORD 00159

Temp	Date	Time	s/
	12.10	29/15	12:10

VOID: RFI

Subject Name: FFS Test

Subject I.D.:

Operator Name, I.D.: Dep. R. Beattie 197

Location: 400 First St

Hillsboro, Mo 63050

AS IV Serial no: 097429
Version no: 532B

TEST RECORD 00158

Temp	Date	Time	s/
	10/29	15 12:00	.000
	18	10/29/15 12:08	.103

Air Blank:

Calibration Check:

Subject Name:

Test #3

Subject I.D.:

Operator Name, I.D.: Dep. R. Beattie 197

Location: 400 First St

Hillsboro, Mo 63050

AS IV Serial no: 097429
Version no: 532B

TEST RECORD 00157

Temp	Date	Time	s/
	10/29	15 12:06	.000
	17	10/29/15 12:06	.101

Air Blank:

Calibration/Check:

Subject Name:

Test #2

Subject I.D.:

Operator Name, I.D.: Dep. R. Beattie 197

Location: 400 First St

Hillsboro, Mo 63050

AS IV Serial no: 097429
Version no: 532B

TEST RECORD 00156

Temp	Date	Time	s/
	10/29	15 12:03	.000
	15	10/29/15 12:03	.101

Air Blank:

Calibration Check:

Subject Name:

Test #1

Subject I.D.:

Operator Name, I.D.: Dep. R. Beattie 197

Location: 400 First St

Hillsboro, Mo 63050



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 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.



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

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PERMIT
TYPE II
RICHARD BEATTIE

is hereby authorized to instruct and supervise operators, train instructors, inspect, calibrate, perform field service and repairs, and operate the following breath analyzer(s):

DATAMASTER, INTOX EC/IR II, ALCO-SENSOR IV W/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 6/12/2014

NUMBER 240268

EXPIRES 6/12/2016

DIRECTOR OF STATE PUBLIC HEALTH LABORATORY

DIRECTOR OF DEPARTMENT OF HEALTH AND SENIOR SERVICES

MO 580-0771 (6-10)

LAB-4 (PS-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 BEATTIE, RICHARD
 Permit No 240268
 Date Issued 6/12/2014 Date Expires 6/12/2016