



MISSOURI DEPARTMENT OF HEALTH AND SENIOR SERVICES
STATE PUBLIC HEALTH LABORATORY

ALCO-SENSOR IV WITH PRINTER MAINTENANCE REPORT

RECEIVED
By Carol Day at 9:51 am, Feb 06, 2015 #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 097436	PRINTER SN 096.3580.875	DATE OF INSPECTION 01/07/2015
LOCATION OF INSTRUMENT (STREET AND CITY) 602 S. Franklin St. Cuba		TIME OF INSPECTION 12:28 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 Labs LOT # 14200 EXP. DATE 08/05/2016
- SIMULATOR TEMPERATURE (34°C ± 0.2°C) 34.0 SIMULATOR SN SD 2752 SIMULATOR EXP DATE 03/06/2015

- 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 → .103	TEST 2 → .105	TEST 3 → .105
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- 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)
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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 <i>P. O. Adam Carnal</i> 341	PRINT NAME P. O. Adam Carnal DSN 341
TYPE II PERMIT NUMBER/EXPIRATION DATE 230009 exp. 01/11/2015	TELEPHONE NUMBER (573) 885-7979

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

RECEIVED

By Brian Lutmer at 12:18 pm, Jan 08, 2015

TEST

HS 119 Serial no: 097435
Version no: 532B

TEST RECORD 02106

Temp Date Time 2101

VOIIR RTI
12 01/08/15 12:32

Subject Name

Subject I.D.

Operator Name: I.D.

P.O. Adam Grewitt 34

Location

102 S. Franklin St

cust

TEST 3

HS 119 Serial no: 097435
Version no: 532B

TEST RECORD 02105

Temp Date Time 2101

Air Blask: 01/08/15 12:31 .089

Calibration Check: 21 01/08/15 12:31 .105

Subject Name

Subject I.D.

Operator Name: I.D.

P.O. Adam Grewitt 34

Location

102 S. Franklin St

cust

TEST 2

HS 119 Serial no: 097435
Version no: 532B

TEST RECORD 02104

Temp Date Time 2101

Air Blask: 01/08/15 12:30 .066

Calibration Check: 20 01/08/15 12:30 .105

Subject Name

Subject I.D.

Operator Name: I.D.

P.O. Adam Grewitt 34

Location

102 S. Franklin St

cust

TEST 1

HS 119 Serial no: 097435
Version no: 532B

TEST RECORD 02103

Temp Date Time 2101

Air Blask: 01/08/15 12:28 .080

Calibration Check: 20 01/08/15 12:28 .103

Subject Name

Subject I.D.

Operator Name: I.D.

P.O. Adam Grewitt 34

Location

102 S. Franklin St

cust



GUTH LABORATORIES, INC.

500 NORTH 67th STREET • HARRISBURG, PA 17111-4514 • TELEPHONE: 717-564-5470

CERTIFICATE OF ANALYSIS

Certified Alcohol Reference Solution for Simulator

Random Samples of Lot Number 14200 of Alcohol Reference Solution for Simulator were analyzed by gas chromatography on August 6, 2014, using a Perkin Elmer Gas Chromatograph Autosystem XL S/N: 610N9030209, and found to contain 0.1213% (w/vol) ethyl alcohol. The expiration date for this lot number is August 5, 2016 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.



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

2

PERMIT
TYPE II

ADAM L CARNAL

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 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 01/11/2013

NUMBER 230009

EXPIRES 01/11/2015

W. A. ...

DIRECTOR OF STATE PUBLIC HEALTH LABORATORY

Paul V. ...
Acting Director

DIRECTOR OF DEPARTMENT OF HEALTH AND SENIOR SERVICES