



MISSOURI DEPARTMENT OF HEALTH AND SENIOR SERVICES
 STATE PUBLIC HEALTH LABORATORY
ALCO-SENSOR IV WITH PRINTER MAINTENANCE REPORT

RECEIVED
 By Carol Day at 11:31 am, Nov 07, 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 03A.2436.100	PRINTER SN 84.9324.142	DATE OF INSPECTION 10/30/2014
LOCATION OF INSTRUMENT (STREET AND CITY) 400 First St Hillsboro		TIME OF INSPECTION 1915 hrs

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 # **14110** EXP. DATE **05/01/2016**

SIMULATOR TEMPERATURE (34°C ± 0.2°C) **34°** SIMULATOR SN **SD2222** SIMULATOR EXP DATE **03/20/15**

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 = **.102** TEST 3 = **.100**

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** (0-.04) **0** (.05-.09) **0** (.10-.14) **0** (.15-.19) **0** (OVER .19) **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 Richard Beattie 197	PRINT NAME Richard Beattie
TYPE & PERMIT NUMBER/EXPIRATION DATE 248268 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: 030807
Version no: 532B

TEST RECORD 00041

Temp Date Time 210L s/

VOID: RFI
12 10/30/14 19:50

Subject Name
RFI Test
Subject I.D.

Operator Name, I.D.

Dep. F. Beattie 197

Location
400 First St

Hillsboro Mo 63050

AS IV Serial no: 030807
Version no: 532B

TEST RECORD 00040

Temp Date Time 210L s/

Air Blank: 10/30/14 19:47 .000
Calibration Check: 26 10/30/14 19:47 .100

Subject Name
Test #3
Subject I.D.

Operator Name, I.D.

Dep. F. Beattie 197

Location
400 First St

Hillsboro Mo 63050

AS IV Serial no: 030807
Version no: 532B

TEST RECORD 00039

Temp Date Time 210L s/

Air Blank: 10/30/14 19:45 .000
Calibration Check: 26 10/30/14 19:45 .102

Subject Name
Test #2
Subject I.D.

Operator Name, I.D.

Dep. F. Beattie 197

Location
400 First St

Hillsboro Mo 63050

AS IV Serial no: 030807
Version no: 532B

TEST RECORD 00038

Temp Date Time 210L s/

Air Blank: 10/30/14 19:42 .000
Calibration Check: 25 10/30/14 19:42 .101

Subject Name
Test #1
Subject I.D.

Operator Name, I.D.

Dep. F. 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 14110 of Alcohol Reference Solution for Simulator were analyzed by gas chromatography on May 5, 2014, using a Perkin Elmer Gas Chromatograph Autosystem XL S/N: 610N9030209, and found to contain 0.1206% (w/vol) ethyl alcohol. The expiration date for this lot number is May 1, 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**

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



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