



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

RECEIVED 3/5/14-CD REPORT #7

REVIEWED
 By Carol Day at 3:59 pm, Mar 31, 2014

Complete this report in duplicate at the time of the regular monthly preventative maintenance check. Send copy to Department of Health and Senior Services; retain original in department file.

ALCO SENSOR IV SN 102473	PRINTER SN 08C.3527.124	DATE OF INSPECTION 02/28/2014
LOCATION OF INSTRUMENT (STREET AND CITY) Greene County Sheriff's Office 1010 North Boonville Avenue, Springfield, MO 65802		TIME OF INSPECTION 6:53 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 # 13280 EXP. DATE 10/16/2015

SIMULATOR TEMPERATURE (34°C ± 0.2°C) 34.0 SIMULATOR SN SD2219 SIMULATOR EXP DATE 05/20/2014

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 ← .098

TEST 2 ← .098

TEST 3 ← .099

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).

Replaced 9 Volt Battery

INSPECTING OFFICER

SIGNATURE *[Signature]* 2012/230126

PRINT NAME
Christopher M. Sowards

TYPE II PERMIT NUMBER/EXPIRATION DATE
230126 06/12/2015

TELEPHONE NUMBER
(417) 868-4040

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



GUTH LABORATORIES, INC.

880 NORTH 67th STREET • HARRISBURG, PA 17111-4811 • TELEPHONE: 717-564-5470

CERTIFICATE OF ANALYSIS

Certified Alcohol Reference Solution for Simulator

Random Samples of Lot Number 13280 of Alcohol Reference Solution for Simulator were analyzed by gas chromatography on October 18, 2013, using a Perkin Elmer Gas Chromatograph Autosystem XL S/N: 610N9030209, and found to contain 0.1217% (w/vol) ethyl alcohol. The expiration date for this lot number is October 16, 2015 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.

AS IV Serial no: 102473
Version no: 004C

TEST RECORD 01436

Temp Date Time ^{g/} 210L

Air Blank:
02/28/14 18:55 .000
Calibration Check:
26 02/28/14 18:55 .098

Subject Name

Test 1

Subject I.D.

Sowards, Christopher M.

Operator Name, I.D.

707/230126

Location

GCSO

AS IV Serial no: 102473
Version no: 004C

TEST RECORD 01437

Temp Date Time ^{g/} 210L

Air Blank:
02/28/14 18:57 .000
Calibration Check:
26 02/28/14 18:57 .098

Subject Name

Test 2

Subject I.D.

Sowards, Christopher M.

Operator Name, I.D.

707/230126

Location

GCSO

AS IV Serial no: 102473
Version no: 004C

TEST RECORD 01438

Temp Date Time ^{g/} 210L

Air Blank:
02/28/14 19:00 .000
Calibration Check:
27 02/28/14 19:00 .099

Subject Name

Test 3

Subject I.D.

Sowards, Christopher M.

Operator Name, I.D.

707/230126

Location

GCSO

AS IV Serial no: 102473
Version no: 004C

TEST RECORD 01439

Temp Date Time 210L^{9/}

Air Blank:
02/28/14 19:01 .000
Subject Test: Auto
27 02/28/14 19:01 .000

Subject Name

Blank Test

Subject I.D.

Sowards Christopher M.

Operator Name, I.D.

707/230126

Location

GLSO

AS IV Serial no: 102473
Version no: 004C

TEST RECORD 01440

Temp Date Time 210L^{9/}

Void: RFI
12 02/28/14 19:02

Subject Name

RFI Test

Subject I.D.

Sowards Christopher M.

Operator Name, I.D.

707/230126

Location

GLSO



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



PERMIT
TYPE II

CHRISTOPHER M SOWARDS

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, 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 06/12/2013

NUMBER 230126

EXPIRES 06/12/2015

W. S. Sowards

DIRECTOR OF STATE PUBLIC HEALTH LABORATORY

Deal Vesterberg
Acting Director

DIRECTOR OF DEPARTMENT OF HEALTH AND SENIOR SERVICES