



MISSOURI DEPARTMENT OF HEALTH
STATE PUBLIC HEALTH LABORATORY
ALCO-SENSOR IV/RBT IV MAINTENANCE REPORT

RECEIVED
By Carol Day at 10:18 am, Dec 01, 2014

Complete this report in duplicate at the time of the regular monthly preventive maintenance check, and whenever instrument is repaired. Send copy to Department of Health; retain original in department file.

ALCO SENSOR IV SN 097405	RBT IV SN 086 3556 388	DATE OF INSPECTION 11-27-14
LOCATION OF INSTRUMENT (STREET AND CITY) Steele Police Department 115 S. Walnut Street		TIME OF INSPECTION 18:53

CHECKLIST: Place a check (✓) to the left of each item if found to be satisfactory or if operating within established limits. (Write in observed values where determined.) Unchecked items must be corrected before using instruments.

- DIGITAL READOUT (ALL ELEMENTS OPERATIONAL)
- TEMPERATURE OF ALCO SENSOR (10°C - 40°C)
- PRINTER WORKING PROPERLY
- TIME AND DATE DISPLAYING PROPERLY
- CALIBRATION CHECK -
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
 - 0.040% STANDARD - MUST READ BETWEEN 0.038% and 0.042% INCLUSIVE
 (ONLY ONE STANDARD IS TO BE USED PER MAINTENANCE REPORT)

TEST 1 ✓ .098	TEST 2 ✓ .096	TEST 3 ✓ .098
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- SIMULATOR TEMPERATURE (34° ± .2°C)
- RFI DETECTOR OPERATING

NUMBER OF REFUSALS, SINCE LAST MAINTENANCE REPORT, AND NUMBER OF BREATH TESTS IN EACH RANGE AS FOLLOWS:
(DO NOT INCLUDE SIMULATOR TESTS)

REFUSALS	(0-.04)	(.05-.09)	(.10-.14) 2	(.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)

MACHINE IS WORKING WITHIN SPECIFICATIONS

INSPECTING OFFICER	
SIGNATURE Josh Carter	PRINT NAME JOSH CARTER
TYPE II PERMIT NUMBER/EXPIRATION DATE 240348 10-13-16	TELEPHONE NUMBER 573-695-2100



GUTH LABORATORIES, INC.

690 NORTH 87th STREET • HARRISBURG, PA. 17111-4511 • TELEPHONE: 717-584-8470

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.

AS IV Serial no: 897485
Version no: 532B

TEST RECORD 88163

Temp Date Time 210L

Air Blank:
11/27/14 18:58 .000
Calibration Check:
24 11/27/14 18:58 .098

Subject Name

Subject I.D.

Operator Name, I.D.

Location

AS IV Serial no: 897485
Version no: 532B

TEST RECORD 88182

Temp Date Time 210L

Air Blank:
11/27/14 18:56

Subject Name

Subject I.D.

Operator Name, I.D.

Location

AS IV Serial no: 897485
Version no: 532B

TEST RECORD 88181

Temp Date Time 210L

Air Blank:
11/27/14 18:56 .000
Calibration Check:
23 11/27/14 18:56 .098

Subject Name

Subject I.D.

Operator Name, I.D.

Location

AS IV Serial no: 897485
Version no: 532B

TEST RECORD 88180

Temp Date Time 210L

Air Blank:
11/27/14 18:53 .000
Calibration Check:
23 11/27/14 18:53 .096

Subject Name

Subject I.D.

Operator Name, I.D.

Location



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

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**PERMIT
 TYPE II**

JOSHUA S CARTER

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 WITH 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 10/3/2014

NUMBER 240348

EXPIRES 10/3/2016

DIRECTOR OF STATE PUBLIC HEALTH LABORATORY

acting director

DIRECTOR OF DEPARTMENT OF HEALTH AND SENIOR SERVICES

LAB-4 (15-10)

MO 580-0771 (5-10)

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 CARTER, JOSHUA
 Permit No 240348
 Date issued 10/3/2014 Date Expires 10/3/2016

