



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

RECEIVED
 By Carol Day at 8:28 am, Sep 03, 2014

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 102465	PRINTER SN 088.3473.063	DATE OF INSPECTION 08/31/2014
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LOCATION OF INSTRUMENT (STREET AND CITY) 350 East High Street, Jefferson City	TIME OF INSPECTION 11:19 pm
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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 Laboratories LOT # 14030 EXP. DATE 01/20/2016

SIMULATOR TEMPERATURE (34°C ± 0.2°C) 34.0 SIMULATOR SN SD3137 SIMULATOR EXP DATE 07/15/2015

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 → .098

TEST 2 → .099

TEST 3 → .100

RFI DETECTOR OPERATING

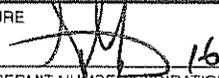
INDICATE THE NUMBER OF BREATH TESTS IN THE FOLLOWING RANGES SINCE THE LAST MAINTENANCE REPORT: (DO NOT INCLUDE SELF-ADMINISTERED TESTS)

REFUSALS	1	(0-.04)	7	(.05-.09)	1	(.10-.14)	6	(.15-.19)	0	(OVER .19)	1
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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).

Instrument operates within established limits. Memory near full, printed and cleared.

INSPECTING OFFICER

SIGNATURE


PRINT NAME
 Shawn Gerstner

TYPE II PERMIT NUMBER/EXPIRATION DATE
 230118 / 6-12-2015

TELEPHONE NUMBER
 (573) 634-9160

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.

690 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 **14030** of Alcohol Reference Solution for Simulator were analyzed by gas chromatography on **January 22, 2014**, using a Perkin Elmer Gas Chromatograph Autosystem XL S/N: 610N9030209, and found to contain **0.1215%** (w/vol) ethyl alcohol. The expiration date for this lot number is **January 20, 2016** at 11:59 PM.

When used in a calibrated Simulator, operating at $34^{\circ}\text{C} \pm .2^{\circ}\text{C}$, this solution will give a breath alcohol analysis instrument reading of **0.100 g/210L** $\pm 3\%$.

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 FNI22211-02 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: 102465
Version no: 004C

TEST RECORD 00517

Temp Date Time ^{s/} 210L

Air Blank:
08/31/14 23:24 .000
Calibration Check:
23 08/31/14 23:24 .098

Subject Name

Subject I.D.

Operator Name, I.D.

Location

AS IV Serial no: 102465
Version no: 004C

TEST RECORD 00518

Temp Date Time ^{s/} 210L

Air Blank:
08/31/14 23:28 .000
Calibration Check:
24 08/31/14 23:28 .099

Subject Name

Subject I.D.

Operator Name, I.D.

Location

AS IV Serial no: 102465
Version no: 004C

TEST RECORD 00519

Temp Date Time ^{s/} 210L

Air Blank:
08/31/14 23:32 .000
Calibration Check:
24 08/31/14 23:32 .100

Subject Name

Subject I.D.

Operator Name, I.D.

Location

AS IV Serial no: 102465
Version no: 004C

TEST RECORD 00521

Temp Date Time ^{s/} 210L

Air Blank:
08/31/14 23:35 .000
Subject Test: Auto
25 08/31/14 23:35 .000

Subject Name

Subject I.D.

Operator Name, I.D.

Location

AS IV Serial no: 102465
Version no: 004C

TEST RECORD 00520

Temp Date Time ^{s/} 210L

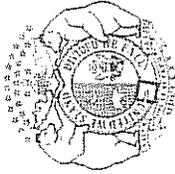
Void: RFI
12 08/31/14 23:34

Subject Name

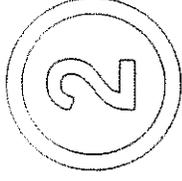
Subject I.D.

Operator Name, I.D.

Location



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



PERMIT
TYPE II

SHAWN P GERSTNER

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 06/12/2013
NUMBER 230118
EXPIRES 06/12/2015

W. S. ...

DIRECTOR OF STATE PUBLIC HEALTH LABORATORY

David V. ...
Acting Director

DIRECTOR OF DEPARTMENT OF HEALTH AND SENIOR SERVICES

LAB-4 (RB-10)

MO 560-0771 (5-10)