

Chapter 30—Determination of Blood Alcohol by Blood, Breath, Saliva, and Urine Analysis;
and Determination for the Presence of Drugs in Blood, Saliva, and Urine

REVIEWED
By Carol Day at 4:00 pm, Mar 31, 2014



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

REPORT #

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 105444	PRINTER SN 096.3580.865	DATE OF INSPECTION 03/01/14
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LOCATION OF INSTRUMENT (STREET AND CITY) 7010 N HOLMES GUAOSTONE	TIME OF INSPECTION 0138
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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 LABS** LOT # **13210** EXP. DATE **07/29/2015**

SIMULATOR TEMPERATURE (34°C ± 0.2°C) **34.0°C** SIMULATOR SN **SD2253** SIMULATOR EXP DATE **02/24/2015**

- 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 * .098	TEST 3 * .098
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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	1	(0-.04)	0	(.05-.09)	0	(.10-.14)	1	(.15-.19)	0	(OVER .19)	0
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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>Terrill Allen</i>	PRINT NAME TERRILL ALLEN
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TYPE # PERMIT NUMBER/EXPIRATION DATE 220258 09/13/14	TELEPHONE NUMBER (816) 436 3550
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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 17111-4511 • TELEPHONE: 717-664-5470

CERTIFICATE OF ANALYSIS

Certified Alcohol Reference Solution for Simulator

Random Samples of Lot Number 13210 of Alcohol Reference Solution for Simulator were analyzed by gas chromatography on July 31, 2013, using a Perkin Elmer Gas Chromatograph Autosystem XL S/N: 610N9030209, and found to contain 0.1216% (w/vol) ethyl alcohol. The expiration date for this lot number is July 29, 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: 185444
Version no: 532D

TEST RECORD 00161

Temp Date Time ^{s/} 210L

Air Blank:
03/01/14 01:41 .000
Calibration Check:
22 03/01/14 01:41 .098

Subject Name

Subject I.D.

Operator Name, I.D.

J. Cell 8565

Location

AS IV Serial no: 185444
Version no: 532D

TEST RECORD 00162

Temp Date Time ^{s/} 210L

Air Blank:
03/01/14 01:42 .000
Calibration Check:
22 03/01/14 01:42 .098

Subject Name

Subject I.D.

Operator Name, I.D.

J. Cell 8565

Location

AS IV Serial no: 185444
Version no: 532D

TEST RECORD 00163

Temp Date Time ^{s/} 210L

Air Blank:
03/01/14 01:44 .000
Calibration Check:
23 03/01/14 01:44 .098

Subject Name

Subject I.D.

Operator Name, I.D.

J. Cell 8565

Location

AS IV Serial no: 185444
Version no: 532D

TEST RECORD 00164

Temp Date Time ^{s/} 210L

VOID: RFI
12 03/01/14 01:46

Subject Name

Subject I.D.

Operator Name, I.D.

J. Cell 8565

Location

State of Missouri
DEPARTMENT OF HEALTH



P E R M I T
TYPE II



TERRILL D ALLEN

Is hereby authorized to instruct and supervise operators, train instructors, inspect, calibrate, perform field repairs, and operate the following breath analyzer(s):

INTOXILYZER 5000; ALCO-SENSOR IV W/PRINTER

for the determination of the alcoholic content of blood from a sample of expired (alveolar) air. Issued under the provisions of sections 577.020 through 577.041, RSMo 1986.

Date 09/13/2012

Number 220258

Expires 09/13/2014

Director of State Public Health Laboratory

Director, Department of Health