



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

RECEIVED
 By Carol Day at 2:42 pm, Feb 11, 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 097410	PRINTER SN 096.3580.983	DATE OF INSPECTION 02/11/2014
LOCATION OF INSTRUMENT (STREET AND CITY) 415 Elm Grove Lane Hazelwood		TIME OF INSPECTION 1:45 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 Laboratories, INC. LOT # 13280 EXP. DATE 10/16/2015
- SIMULATOR TEMPERATURE (34°C ± 0.2°C) 34.0 SIMULATOR SN SD2742 SIMULATOR EXP DATE 11/14/2014

- 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 \approx .103	TEST 2 \approx .102	TEST 3 \approx .102
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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)	0	(.15-.19)	2	(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).

The instrument is operating within D.O.H.S.S. specifications. No repairs were made to the instrument. Guth Laboratories certified alcohol reference solution was used, which created a .10 vapor, bottle number 952

INSPECTING OFFICER

SIGNATURE 	PRINT NAME Anthony T. Kristo
TYPE II PERMIT NUMBER/EXPIRATION DATE 230269, 11-26-2015	TELEPHONE NUMBER (314) 838-5000

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



GUTH LABORATORIES, INC.

800 NORTH 87th STREET • HARRISBURG, PA 17111-4811 • TELEPHONE: 717-684-6470

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: 097410
Version no: 004C

TEST RECORD 01206

Temp Date Time 210L s/

Air Blank:

02/11/14 13:47 .000

Calibration Check:
21 02/11/14 13:47 .102

Subject Name

Test

Subject I.D.

N/A

Operator Name, I.D.

KABD 230269

Location

415 BLM Labs W

Harwood, MS

AS IV Serial no: 097410
Version no: 004C

TEST RECORD 01208

Temp Date Time 210L s/

Void: KPI

12 02/11/14 13:50

Subject Name

Test

Subject I.D.

N/A

Operator Name, I.D.

KABD 230269

Location

415 BLM Labs W

Harwood, MS

AS IV Serial no: 097410
Version no: 004C

TEST RECORD 01205

Temp Date Time 210L s/

Air Blank:

02/11/14 13:45 .000

Calibration Check:
21 02/11/14 13:45 .103

Subject Name

Test

Subject I.D.

N/A

Operator Name, I.D.

KABD 230269

Location

415 BLM Labs W

Harwood, MS

AS IV Serial no: 097410
Version no: 004C

TEST RECORD 01207

Temp Date Time 210L s/

Air Blank:

02/11/14 13:48 .000

Calibration Check:
22 02/11/14 13:48 .102

Subject Name

Test

Subject I.D.

N/A

Operator Name, I.D.

KABD 230269

Location

415 BLM Labs W

Harwood, MS



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

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**PERMIT
TYPE II**

ANTHONY T KRISTO

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 11/26/2013

NUMBER 230269

EXPIRES 11/26/2015

DIRECTOR OF STATE PUBLIC HEALTH LABORATORY

,acting director

DIRECTOR OF DEPARTMENT OF HEALTH AND SENIOR SERVICES

MO 580-0771 (8-10)

LAB-4 (R6-10)



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 KRISTO, ANTHONY
Permit No 230269
Date Issued 11/26/2013 Date Expires 11/26/2015