



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

RECEIVED

By Carol Day at 10:39 am, May 05, 2016

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

ALCO SENSOR IV SN 030791	PRINTER SN 84.9324.152	DATE OF INSPECTION 05/05/2016
LOCATION OF INSTRUMENT (STREET AND CITY) Hazelwood PD BAT VEHICLE		TIME OF INSPECTION 7:04 am

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 # 14220 EXP. DATE 09/24/2016

SIMULATOR TEMPERATURE (34°C ± 0.2°C) 34.0 SIMULATOR SN SD2742 SIMULATOR EXP DATE 11/09/2016

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 .099

TEST 2 .098

TEST 3 .098

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)	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).

Simulator solution bottle number 1336

INSPECTING OFFICER

SIGNATURE 	PRINT NAME Anthony Kristo
TYPE II PERMIT NUMBER/EXPIRATION DATE 250242, 11/17/2017	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 67th STREET • HARRISBURG, PA 17111-4811 • TELEPHONE: 717-544-6470

CERTIFICATE OF ANALYSIS

Certified Alcohol Reference Solution for Simulator

Random Samples of Lot Number 14220 of Alcohol Reference Solution for Simulator were analyzed by gas chromatography on September 25, 2014, using a Perkin Elmer Gas Chromatograph Autosystem XL S/N: 610N9030209, and found to contain 0.1209% (w/vol) ethyl alcohol. The expiration date for this lot number is September 24, 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 FN08051301 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: 030791
Version no: 532B

TEST RECORD 00169

Temp Date Time 210L

Air Blank:
85/05/16 07:04 .000
Calibration Check:
21 05/05/16 07:04 .099

Subject Name

TEST

Subject I.D.

N/A

Operator Name, I.D.

KR370 250242

Location

Hazelwood BAT

Vehicle

AS IV Serial no: 030791
Version no: 532B

TEST RECORD 00171

Temp Date Time 210L

Air Blank:
85/05/16 07:08 .000
Calibration Check:
22 05/05/16 07:08 .098

Subject Name

TEST

Subject I.D.

N/A

Operator Name, I.D.

KR370 250242

Location

Hazelwood BAT

Vehicle

AS IV Serial no: 030791
Version no: 532B

TEST RECORD 00170

Temp Date Time 210L

Air Blank:
05/05/16 07:06 .000
Calibration Check:
22 05/05/16 07:06 .098

Subject Name

TEST

Subject I.D.

N/A

Operator Name, I.D.

KR370 250242

Location

Hazelwood BAT

Vehicle

AS IV Serial no: 030791
Version no: 532B

TEST RECORD 00172

Temp Date Time 210L

VOID: RFI
12 05/05/16 07:09

Subject Name

TEST

Subject I.D.

N/A

Operator Name, I.D.

KR370 250242

Location

Hazelwood BAT

Vehicle



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):

ALCO-SENSOR IV WITH PRINTER, INTOX EC/IR II

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 11/6/2015

NUMBER 250242

EXPIRES 11/6/2017

DIRECTOR OF STATE PUBLIC HEALTH LABORATORY

DIRECTOR OF DEPARTMENT OF HEALTH AND SENIOR SERVICES

MO 580-0771 (6-10)

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 250242
Date Issued 11/6/2015 Date Expires 11/6/2017