



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

RECEIVED 7/24/14-CD

REVIEWED

By Carol Day at 3:41 pm, Sep 03, 2014

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

ALCO SENSOR IV SN 100288	PRINTER SN 096.3580.982	DATE OF INSPECTION 07/16/2014
LOCATION OF INSTRUMENT (STREET AND CITY) Peculiar (MO) Police Department 224 N. Main Peculiar, MO 64078		TIME OF INSPECTION 1:32 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 Labs Inc. LOT # 13280 EXP. DATE 10/16/2015
- SIMULATOR TEMPERATURE (34°C ± 0.2°C) 34 C SIMULATOR SN SD2260 SIMULATOR EXP DATE 10/17/2014

- 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 \blacklozenge .099	TEST 2 \blacklozenge .101	TEST 3 \blacklozenge .101
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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	0	(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).

Instrument operating within standards.

INSPECTING OFFICER

SIGNATURE <i>Sgt. James K. Kirkpatrick</i>	PRINT NAME Sgt. James K. Kirkpatrick
TYPE II PERMIT NUMBER/EXPIRATION DATE 230243 10/24/2015	TELEPHONE NUMBER (816) 779-5102

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 17111-4811 • TELEPHONE: 717-664-5470

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.

TEST RECORD 00474

Temp Date Time ⁹⁷ 210L

Air Blankt
07/16/14 01:34 .000
Calibration Check#
23 07/16/14 01:34 .101

Subject Name

Test

Subject I.D.

Test

Operator Name, I.D.

Kivkapatvick / 303

Location

224 N. Main

Peculiar PD

AS IV Serial no: 100288
Version no: 004C

TEST RECORD 00473

Temp Date Time ⁹⁷ 210L

Air Blankt
07/16/14 01:32 .000
Calibration Check#
23 07/16/14 01:32 .099

Subject Name

Test

Subject I.D.

Test

Operator Name, I.D.

Kivkapatvick / 303

Location

224 N. Main

Peculiar PD

AS IV Serial no: 100288
Version no: 004C

TEST RECORD 00475

Temp Date Time ⁹⁷ 210L

Air Blankt
07/16/14 01:35 .000
Calibration Check#
24 07/16/14 01:35 .101

Subject Name

Test

Subject I.D.

Test

Operator Name, I.D.

Kivkapatvick / 303

Location

224 N. Main

Peculiar PD

AS IV Serial no: 100288
Version no: 004C

TEST RECORD 00476

Temp Date Time ⁹⁷ 210L

Void: RTI
12 07/16/14 01:36

Subject Name

Test

Subject I.D.

Test

Operator Name, I.D.

Kivkapatvick / 303

Location

224 N. Main

Peculiar PD



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



**PERMIT
 TYPE II**

JAMES K KIRKPATRICK

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 DMT

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 10/24/2013

NUMBER 230243

EXPIRES 10/24/2015

DIRECTOR OF STATE PUBLIC HEALTH LABORATORY

acting director

DIRECTOR OF DEPARTMENT OF HEALTH AND SENIOR SERVICES

MO 680-0771 (6-10)

LAB-4 (R8-10)

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 KIRKPATRICK, JAMES
 Permit No 230243
 Date Issued 10/24/2013 Date Expires 10/24/2015