



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

RECEIVED
 By Carol Day at 9:30 am, May 12, 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 100288	PRINTER SN 096.3580.982	DATE OF INSPECTION 05/12/2014
LOCATION OF INSTRUMENT (STREET AND CITY) Peculiar (MO) Police Department 224 N. Main Peculiar, MO 64078		TIME OF INSPECTION 2:50 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) 22°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 <u>.100</u>	TEST 2 <u>.100</u>	TEST 3 <u>.101</u>
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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	<u>0</u>	(.0-.04)	<u>0</u>	(.05-.09)	<u>0</u>	(.10-.14)	<u>0</u>	(.15-.19)	<u>0</u>	(OVER .19)	<u>0</u>
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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.

650 NORTH 67th STREET • HARRISBURG, PA 17111-4811 • TELEPHONE: 717-684-5470

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.

AS IV Serial no: 100288
Version no: 0040

TEST RECORD 00466

Temp Date Time 210L

Air Blank: 05/12/14 02:52 .000
Calibration Check: 23 05/12/14 02:52 .100

Subject Name

Test
Subject I.D.

Test
Operator Name, I.D.

Kirkpatrick 303
Location

Peculiar P.O.

224 N. Main

AS IV Serial no: 100299
Version no: 0040

TEST RECORD 00465

Temp Date Time 210L

Air Blank: 05/12/14 02:50 .000
Calibration Check: 22 05/12/14 02:50 .100

Subject Name

Test
Subject I.D.

Test
Operator Name, I.D.

Kirkpatrick 303
Location

Peculiar P.O.

224 N. Main

AS IV Serial no: 100288
Version no: 0040

TEST RECORD 00468

Temp Date Time 210L

Void: RFI 12 05/12/14 02:50

Subject Name

Test
Subject I.D.

Test
Operator Name, I.D.

Kirkpatrick 303
Location

Peculiar P.O.

224 N. Main

AS IV Serial no: 100288
Version no: 0040

TEST RECORD 00467

Temp Date Time 210L

Air Blank: 05/12/14 02:53 .000
Calibration Check: 23 05/12/14 02:53 .101

Subject Name

Test
Subject I.D.

Test
Operator Name, I.D.

Kirkpatrick 303
Location

Peculiar P.O.

224 N. Main



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 580-0771 (6-10)

LAB-4 (05-10)

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