MISSOURI DEPARTMENT OF HEALTH AND SENIOR SERVICES
STATE PUBLIC HEALTH LABORATORY

ALCO-SENSOR IV WITH PRINTER MAINTENANCE REPORT

REPORT #7

RECEIVED
By Carol Day at 1:59 pm, Jun 26, 2014

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

ALCO SENSOR IV SN	PRINTER SN	DATE OF INSPECTION
100288	096.3580.982	06/12/2014
LOCATION OF INSTRUMENT (STREET AND CITY)		TIME OF INSPECTION
Peculiar (MO) Police Department 224 N. Main Peculiar, MO 64078		9:29 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 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 ☛ .099	TEST 2 ☛ .101	TEST 3 ☛ .101

☑ 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	2	(0-.04)	0	(.05-.09)	0	(.10-.14)	0	(.15-.19)	0	(OVER .19)	0

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 properly.

INSPECTING OFFICER

SIGNATURE	PRINT NAME
▸ Sgt. James K. Kirkpatrick	Sgt. James K. Kirkpatrick
TYPE II PERMIT NUMBER/EXPIRATION DATE	TELEPHONE NUMBER
230243 10/24/2015	(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.
590 NORTH 67th STREET • HARRISBURG, PA 17111-4511 • TELEPHONE: 717-564-5470

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 FNI22211-02 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: 004C

TEST RECORD 00470

Temp	Date	Time	210L
Air Blank:			
	06/12/14	21:32	.000
Calibration Check:			
23	06/12/14	21:32	.101

Subject Name
Test
Subject I.D.
Kirkpatrick 303
Operator Name, I.D.
224 N. Main
Location
Peculiar PD

AS IV Serial no: 100288
Version no: 004C

TEST RECORD 00469

Temp	Date	Time	210L
Air Blank:			
	06/12/14	21:29	.000
Calibration Check:			
22	06/12/14	21:29	.099

Subject Name
Test
Subject I.D.
Kirkpatrick 303
Operator Name, I.D.
224 N. Main
Location
Peculiar PD

AS IV Serial no: 100288
Version no: 004C

TEST RECORD 00471

Temp	Date	Time	210L
Air Blank:			
	06/12/14	21:34	.000
Calibration Check:			
24	06/12/14	21:34	.101

Subject Name
Test
Subject I.D.
Kirkpatrick 303
Operator Name, I.D.
224 N. Main
Location
Peculiar PD

AS IV Serial no: 100288
Version no: 004C

TEST RECORD 00472

Temp	Date	Time	210L
Void: RFI			
12	06/12/14	21:40	

Subject Name
Test
Subject I.D.
Kirkpatrick 303
Operator Name, I.D.
224 N. Main
Location
Peculiar PD

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

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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

Earl Vasterling, acting director

DIRECTOR OF DEPARTMENT OF HEALTH AND SENIOR SERVICES

MO 580-0771 (6-10)

LAB-4 (06-10)

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