MISSOURI DEPARTMENT OF HEALTH AND SENIOR SERVICES
STATE PUBLIC HEALTH LABORATORY

ALCO-SENSOR IV WITH PRINTER MAINTENANCE REPORT #7

RECEIVED
By Carol Day at 8:18 am, Mar 07, 2016

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	PRINTER SN	DATE OF INSPECTION
111325	099.3586.611	03/05/2016

LOCATION OF INSTRUMENT (STREET AND CITY)	TIME OF INSPECTION
360 Chestnut Street, Osceola (St. Clair County Sheriff's Office)	1:04 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 LOT # 15220 EXP. DATE 08/28/2017

☑ SIMULATOR TEMPERATURE (34°C ± 0.2°C) 34.0 SIMULATOR SN DR2471 SIMULATOR EXP DATE 02/17/2017

☑ 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 ☛	TEST 2 ☛	TEST 3 ☛
.103%	.103%	.103%

☑ 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-.04)	(.05-.09)	(.10-.14)	(.15-.19)	(OVER .19)
0	0	0	0	0	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 placed into service

INSPECTING OFFICER

SIGNATURE	PRINT NAME
▸	Anthony L. Helms
TYPE II PERMIT NUMBER/EXPIRATION DATE	**TELEPHONE NUMBER**
260099 02/22/2018	(417) 646-2565

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

AN EQUAL OPPORTUNITY/AFFIRMATIVE ACTION EMPLOYER
services provided on a nondiscriminatory basis

AS IV Serial no: 111325
Version no: 532B

TEST RECORD 00062

Temp	Date	Time	g/ 210L

Air Blank:
03/05/16 01:04 .000
Subject Test: Auto
20 03/05/16 01:04 .000

Subject Name
Blank Test
Subject I.D.
Helms T.
Operator Name, I.D.
Helms T. 260099
Location
SCSO

AS IV Serial no: 111325
Version no: 532B

TEST RECORD 00064

Temp	Date	Time	g/ 210L

Air Blank:
03/05/16 01:12 .000
Calibration Check:
23 03/05/16 01:12 .103

Subject Name
Test #1
Subject I.D.
Helms T
Operator Name, I.D.
Helms T 260099
Location
SCSO

AS IV Serial no: 111325
Version no: 532B

TEST RECORD 00065

Temp	Date	Time	g/ 210L

Air Blank:
03/05/16 01:14 .000
Calibration Check:
23 03/05/16 01:14 .103

Subject Name
Test #2
Subject I.D.
Helms T
Operator Name, I.D.
Helms T 260099
Location
SCSO

AS IV Serial no: 111325
Version no: 532B

TEST RECORD 00067

Temp	Date	Time	g/ 210L

VOID: RFI
12 03/05/16 01:20

Subject Name
RFI Test
Subject I.D.
Helms T.
Operator Name, I.D.
Helms T 260099
Location
SCSO

AS IV Serial no: 111325
Version no: 532B

TEST RECORD 00066

Temp	Date	Time	g/ 210L

Air Blank:
03/05/16 01:15 .000
Calibration Check:
24 03/05/16 01:15 .103

Subject Name
Test #3
Subject I.D.
Helms T
Operator Name, I.D.
Helms T 260099
Location
SCSO

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 **15220** of Alcohol Reference Solution for Simulator were analyzed by gas chromatography on **September 30, 2015,** using a Perkin Elmer Gas Chromatograph Autosystem XL S/N: 610N9030209, and found to contain **0.1214%** (w/vol) ethyl alcohol. The expiration date for this lot number is **September 28, 2017** 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.

STATE OF MISSOURI

DEPARTMENT OF HEALTH AND SENIOR SERVICES

BREATH ALCOHOL PROGRAM

2

PERMIT

TYPE II

ANTHONY L HELMS

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

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 2/22/2016

NUMBER 260099

EXPIRES 2/22/2018

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 HELMS, ANTHONY

Permit No 260099

Date Issued 2/22/2016 **Date Expires** 2/22/2018