RECEIVED
By Carol Day at 8:28 am, Aug 22, 2016

MISSOURI DEPARTMENT OF HEALTH AND SENIOR SERVICES
STATE PUBLIC HEALTH LABORATORY

ALCO-SENSOR IV WITH PRINTER MAINTENANCE REPORT

REPORT #7

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
111647	09B-3589-504	08/19/2016

LOCATION OF INSTRUMENT (STREET AND CITY)	TIME OF INSPECTION
ARC 2 PATROL VEHICLE, 7700 NATURAL BRIDGE, NORMANDY, MO	12:09 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 LOT # 15120 EXP. DATE 04/29/2017

☑ SIMULATOR TEMPERATURE (34°C ± 0.2°C) 34.0 SIMULATOR SN SD1615 SIMULATOR EXP DATE 07/08/2017

☑ 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 ☛ .098	TEST 2 ☛ .098	TEST 3 ☛ .097

☐ 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).

NONE

INSPECTING OFFICER

SIGNATURE	PRINT NAME
▸ [signature] 2-06	BRANDON W. LANGE
TYPE II PERMIT NUMBER/EXPIRATION DATE	TELEPHONE NUMBER
250161 07/22/2017	(314) 385-3300

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

AS IV Serial no: 111647
Version no: 532B

TEST RECORD 00015

Temp	Date	Time	g/210L

Air Blank:
08/19/16 12:09 .000
Calibration Check:
24 08/19/16 12:09 .098

Subject Name
maint 7

Subject I.D.
N/A

Operator Name, I.D.
Jamar 266

Location
ARC 2 Patrol veh.

Normandy P.D.

AS IV Serial no: 111647
Version no: 532B

TEST RECORD 00016

Temp	Date	Time	g/210L

Air Blank:
08/19/16 12:10 .000
Calibration Check:
24 08/19/16 12:10 .098

Subject Name
Maint 2

Subject I.D.
N/A

Operator Name, I.D.
Jamar 266

Location
ARC 2 patrol veh

Normandy P.D.

AS IV Serial no: 111647
Version no: 532B

TEST RECORD 00017

Temp	Date	Time	g/210L

Air Blank:
08/19/16 12:12 .000
Calibration Check:
25 08/19/16 12:12 .097

Subject Name
Maint 3

Subject I.D.
N/A

Operator Name, I.D.
Jamar 266

Location
ARC Patrol veh

Normandy P.D.

AS IV Serial no: 111647
Version no: 532B

TEST RECORD 00018

Temp	Date	Time	g/210L

Air Blank:
08/19/16 12:13 .000
Subject Test: Auto
25 08/19/16 12:13 .000

Subject Name
Jamar 266

Subject I.D.
N/A

Operator Name, I.D.
Jamar 266

Location
ARC Patrol veh

Normandy P.D.

AS IV Serial no: 111647
Version no: 532B

TEST RECORD 00019

Temp	Date	Time	g/210L

VOID: RFI
12 08/19/16 12:14

Subject Name
R.F.I.

Subject I.D.
N/A

Operator Name, I.D.
Jamar 266

Location
ARC 2 Patrol veh

Normandy P.D.

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

2

PERMIT
TYPE II

BRANDON W LANGE

s 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

or 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.

DIRECTOR OF STATE PUBLIC HEALTH LABORATORY

DATE 7/22/2015

NUMBER 250161

EXPIRES 7/22/2017

DIRECTOR OF DEPARTMENT OF HEALTH AND SENIOR SERVICES

LAB-4 (R6-10)

ID 590-0771 (6-10)

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 from of expired air in Missouri.

Operator LANGE, BRANDON
Permit No 250161
Date Issued 7/22/2015 Date Expires 7/22/2017

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 15120 of Alcohol Reference Solution for Simulator were analyzed by gas chromatography on May 4, 2015, 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 April 29, 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.