



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 100285	PRINTER SN 093-3563-012	DATE OF INSPECTION 04/11/2016
LOCATION OF INSTRUMENT (STREET AND CITY) ARC 2 PATROL VEHICLE, 7700 NATURAL BRIDGE, NORMANDY, MO		TIME OF INSPECTION 7:51 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 LOT # 15120 EXP. DATE 04/29/2017

SIMULATOR TEMPERATURE (34°C ± 0.2°C) 34.0 SIMULATOR SN SD1615 SIMULATOR EXP DATE 07/06/2016

- 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 .101 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 0 | (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).

NONE

INSPECTING OFFICER

SIGNATURE <i>Brandon W Lange</i>	PRINT NAME BRANDON W LANGE
TYPE II PERMIT NUMBER/EXPIRATION DATE 250161 7/22/2016	TELEPHONE NUMBER (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: 100285
Version no: 004C

TEST RECORD 00201

Temp Date Time ^{g/} 210L

Air Blank:
04/11/16 07:51 .000
Subject Test: Auto
20 04/11/16 07:51 .000

Subject Name

Jamy 200

Subject I.D.

N/A

Operator Name, I.D.

Jamy

Location

ARC 2 Patrol Veh.

AS IV Serial no: 100285
Version no: 004C

TEST RECORD 00202

Temp Date Time ^{g/} 210L

Air Blank:
04/11/16 07:53 .000
Calibration Check:
20 04/11/16 07:53 .101

Subject Name

Maint 1

Subject I.D.

N/A

Operator Name, I.D.

Jamy 200

Location

ARC 2 Patrol vehicle

AS IV Serial no: 100285
Version no: 004C

TEST RECORD 00203

Temp Date Time ^{g/} 210L

Air Blank:
04/11/16 07:55 .000
Calibration Check:
21 04/11/16 07:55 .101

Subject Name

Maint 2

Subject I.D.

N/A

Operator Name, I.D.

Jamy 200

Location

ARC 2 Patrol Veh

AS IV Serial no: 100285
Version no: 004C

TEST RECORD 00204

Temp Date Time ^{g/} 210L

Air Blank:
04/11/16 07:57 .000
Calibration Check:
21 04/11/16 07:57 .101

Subject Name

Maint 3

Subject I.D.

N/A

Operator Name, I.D.

Jamy 200

Location

ARC 2 Patrol vehicle

AS IV Serial no: 100285
Version no: 004C

TEST RECORD 00205

Temp Date Time ^{g/} 210L

Void: RFI
12 04/11/16 07:58

Subject Name

B.F.I

Subject I.D.

N/A

Operator Name, I.D.

Jamy 200

Location

ARC 2 Patrol Vehicle



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



PERMIT
TYPE II

BRANDON W LANGE

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

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.

DATE 7/22/2015

NUMBER 250161

EXPIRES 7/22/2017

10 680-6771 (9-10)

DIRECTOR OF STATE PUBLIC HEALTH LABORATORY

DIRECTOR OF DEPARTMENT OF HEALTH AND SENIOR SERVICES

LA84 (R6-01)



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



GUTH LABORATORIES, INC.

690 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 $34^{\circ}\text{C} \pm .2^{\circ}\text{C}$, this solution will give a breath alcohol analysis instrument reading of **0.100 g/210L \pm 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.