



ALCO-SENSOR IV WITH PRINTER MAINTENANCE REPORT

RECEIVED
By Carol Day at 8:28 am, Jul 12, 2016

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 096228	PRINTER SN 097-3584-044	DATE OF INSPECTION 07/11/2016
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LOCATION OF INSTRUMENT (STREET AND CITY) 7700 NATURAL BRIDGE, NORMANDY, MO	TIME OF INSPECTION 12:47 pm
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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

<input checked="" type="checkbox"/> SIMULATOR SOLUTION	<input type="checkbox"/> COMPRESSED ETHANOL-GAS MIXTURE
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<input checked="" type="checkbox"/> STANDARD SUPPLIER <u>GUTH</u>	LOT # <u>15120</u>	EXP. DATE <u>04/29/2017</u>
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<input checked="" type="checkbox"/> SIMULATOR TEMPERATURE (34°C ± 0.2°C) <u>34.0</u>	SIMULATOR SN <u>SD1615</u>	SIMULATOR EXP DATE <u>07/08/2017</u>
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- 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 ➡ .099	TEST 3 ➡ .100
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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	0	(0-.04)	0	(.05-.09)	0	(.10-.14)	1	(.15-.19)	0	(OVER .19)	0
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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).

NONE

INSPECTING OFFICER	
SIGNATURE <i>Brandon W. Lange</i>	PRINT NAME BRANDON W. LANGE
TYPE II PERMIT NUMBER/EXPIRATION DATE 250161 7/22/2017	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: 096228
Version no: 532B

TEST RECORD 00461

Temp Date Time ^{a/} 210L

Air Blankt
07/11/16 12:47 .000
Subject Test: Auto
19 07/11/16 12:47 .000

Subject Name

Sangy
Subject I.D.

266

Operator Name, I.D.

Sangy 266
Location

Normandy P.O.

AS IV Serial no: 096228
Version no: 532B

TEST RECORD 00464

Temp Date Time ^{a/} 210L

Air Blankt
07/11/16 12:52 .000
Calibration Checkt
21 07/11/16 12:52 .099

Subject Name

Maint 1
Subject I.D.

N/A

Operator Name, I.D.

Sangy 266
Location

Normandy P.O.

AS IV Serial no: 096228
Version no: 532B

TEST RECORD 00465

Temp Date Time ^{a/} 210L

Air Blankt
07/11/16 12:54 .000
Calibration Checkt
22 07/11/16 12:54 .099

Subject Name

Maint 2
Subject I.D.

N/A

Operator Name, I.D.

Sangy 266
Location

Normandy P.O.

AS IV Serial no: 096228
Version no: 532B

TEST RECORD 00467

Temp Date Time ^{a/} 210L

Air Blankt
07/11/16 12:58 .000
Calibration Checkt
23 07/11/16 12:58 .100

Subject Name

Maint 3
Subject I.D.

N/A

Operator Name, I.D.

Sangy 266
Location

Normandy P.O.

AS IV Serial no: 096228
Version no: 532B

TEST RECORD 00466

Temp Date Time ^{a/} 210L

VOID: RFI
12 07/11/16 12:57

Subject Name

R.F.I.
Subject I.D.

Operator Name, I.D.

Sangy 266
Location

Normandy P.O.



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

2

PERMIT
TYPE II

BRANDON W LANGE

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 77.020 through 77.041, RSMo and 306.111 through 306.119 RSMo.

DATE 7/22/2015

DIRECTOR OF STATE PUBLIC HEALTH LABORATORY

NUMBER 250161

DIRECTOR OF DEPARTMENT OF HEALTH AND SENIOR SERVICES

EXPIRES 7/22/2017

2688-9771 (6-10)

LAB 4 (8-10)

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 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 $34^{\circ}\text{C} \pm .2^{\circ}\text{C}$, 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.