



MISSOURI DEPARTMENT OF HEALTH AND SENIOR SERVICES
STATE PUBLIC HEALTH LABORATORY
ALCO-SENSOR IV WITH PRINTER MAINTENANCE REPORT #7

RECEIVED
By Carol Day at 3:11 pm, Mar 10, 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 09742 1	PRINTER SN 096.3580.987	DATE OF INSPECTION 02/28/2016
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LOCATION OF INSTRUMENT (STREET AND CITY) 110 Silverlady Ln Branson West Mo, 65737	TIME OF INSPECTION 3:38 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

SIMULATOR SOLUTION COMPRESSED ETHANOL-GAS MIXTURE

STANDARD SUPPLIER Guth Laboratories LOT # 15120 EXP. DATE 04/29/2017

SIMULATOR TEMPERATURE (34°C ± 0.2°C) 34.0 SIMULATOR SN SD3139 SIMULATOR EXP DATE 07/24/2016

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 → .102	TEST 3 → .101
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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)	1	(.05-.09)	1	(.10-.14)	0	(.15-.19)	1	(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).

INSPECTING OFFICER

SIGNATURE 	PRINT NAME Vince Collins
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TYPE II PERMIT NUMBER/EXPIRATION DATE 240349 10-03-2016	TELEPHONE NUMBER (417) 272-3400
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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 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.



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

2

PERMIT
TYPE II

VINCENT COLLINS

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, DATAMASTER

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 10/3/2014

NUMBER 240349

EXPIRES 10/3/2016

MO 580-0771 (6-10)

[Signature]

DIRECTOR OF STATE PUBLIC HEALTH LABORATORY

Gail Vesterly

acting director

DIRECTOR OF DEPARTMENT OF HEALTH AND SENIOR SERVICES

LAB-4 (15-10)

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 COLLINS, VINCENT
Permit No 240349
Date Issued 10/3/2014 Date Expires 10/3/2016

Vince Collins

AS IV Serial no: 097421
Version no: 532B

TEST RECORD 00271

Temp	Date	Time	s/ 210L
Air Blank:			
	02/28/16	15:38	.000
Calibration Check:			
	21 02/28/16	15:38	.101

Air Blank:

02/28/16 15:38 .000

Calibration Check:

21 02/28/16 15:38 .101

Subject Name

Test 1

Subject I.D.

Vincent Collins 240349

Operator Name, I.D.

Branson West P.D.

Location

110 Silverlady Ln

Branson West MO 65737

Vince Collins

AS IV Serial no: 097421
Version no: 532B

TEST RECORD 00272

Temp	Date	Time	s/ 210L
Air Blank:			
	02/28/16	15:39	.000
Calibration Check:			
	22 02/28/16	15:39	.102

Air Blank:

02/28/16 15:39 .000

Calibration Check:

22 02/28/16 15:39 .102

Subject Name

Test 2

Subject I.D.

Vincent Collins 240349

Operator Name, I.D.

Branson West P.D.

Location

110 Silverlady Ln

Branson West MO

Vince Collins

AS IV Serial no: 097421
Version no: 532B

TEST RECORD 00273

Temp	Date	Time	s/ 210L
Air Blank:			
	02/28/16	15:41	.000
Calibration Check:			
	23 02/28/16	15:41	.101

Air Blank:

02/28/16 15:41 .000

Calibration Check:

23 02/28/16 15:41 .101

Subject Name

Test 3

Subject I.D.

Vincent Collins 240349

Operator Name, I.D.

Branson West P.D.

Location

110 Silverlady Ln

Branson West MO

Vince Collins

AS IV Serial no: 097421
Version no: 532B

TEST RECORD 00274

Temp	Date	Time	s/ 210L
VOID: RFI			
	12 02/28/16	15:43	

VOID: RFI

12 02/28/16 15:43

Subject Name

RFI Test

Subject I.D.

Vince Collins 240349

Operator Name, I.D.

Branson West P.D.

Location

110 Silverlady Ln

Branson West MO

Vince Collins

AS IV Serial no: 097421
Version no: 532B

TEST RECORD 00275

Temp	Date	Time	s/ 210L
Air Blank:			
	02/28/16	15:47	.000
Subject Test: Auto			
	24 02/28/16	15:47	.000

Air Blank:

02/28/16 15:47 .000

Subject Test: Auto

24 02/28/16 15:47 .000

Subject Name

Blank Test

Subject I.D.

Vince Collins 240349

Operator Name, I.D.

Branson West P.D.

Location

110 Silverlady Ln

Branson West MO