



MISSOURI DEPARTMENT OF HEALTH AND SENIOR SERVICES
STATE PUBLIC HEALTH LABORATORY

ALCO-SENSOR IV WITH PRINTER MAINTENANCE REPORT

REPORT #7

RECEIVED
By Carol Day at 3:32 pm, Jul 01, 2015

Complete this report in duplicate at the time of the regular monthly preventive check, and whenever instrument is repaired. Send copy to Department of Health and Senior Services; retain original in department file.

ALCO SENSOR IV SN 107985	PRINTER SN 099.3586.820	DATE OF INSPECTION 06/24/2015
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LOCATION OF INSTRUMENT (STREET AND CITY) Platte County Sheriff's Office 415 E Third Street Platte City, MO 64079	TIME OF INSPECTION 7:31 am
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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 # 14220 EXP. DATE 09/24/2016

SIMULATOR TEMPERATURE (34°C ± 0.2°C) 34.0c SIMULATOR SN SD 2780 SIMULATOR EXP DATE 07/15/2015

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 ⬅ 0.102

TEST 2 ⬅ 0.101

TEST 3 ⬅ 0.101

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)	1	(.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 Meghan M Blackmore
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TYPE II PERMIT NUMBER/EXPIRATION DATE Permit # 240404 Expiration date: 11/20/2016	TELEPHONE NUMBER (816) 858-2424
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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

AS IV Serial no: 107985
Version no: 532B

TEST RECORD 00153

Temp Date Time 210L
s/

Air Blank:
06/24/15 07:31 .000
Calibration Check:
26 06/24/15 07:31 .102

Subject Name
TEST 1
Subject I.D.

Operator Name, I.D.
Deputy M. Blackmore
Location 135/A420
PCSO 415 E Third St
Platte City, MO 64079
Permit # 240404
expires: 11/20/2016

AS IV Serial no: 107985
Version no: 532B

TEST RECORD 00156

Temp Date Time 210L
s/

VOID: RFI
12 06/24/15 07:36

Subject Name
RFI Test
Subject I.D.

Operator Name, I.D.
Deputy M. Blackmore
Location 135/A420
PCSO 415 E Third St
Platte City, MO 64079
Permit # 240404
expires: 11/20/2016

AS IV Serial no: 107985
Version no: 532B
TEST RECORD 00154
Temp Date Time 210L
s/

Air Blank:
06/24/15 07:33 .000
Calibration Check:
27 06/24/15 07:33 .101

AS IV Serial no: 107985
Version no: 532B

TEST RECORD - REPRINT

TEST RECORD 00154

Temp Date Time 210L
s/

Air Blank:
06/24/15 07:33 .000
Calibration Check:
27 06/24/15 07:33 .101

Subject Name
TEST 2
Subject I.D.

Operator Name, I.D.
Deputy M. Blackmore
Location 135/A420
PCSO 415 E Third St
Platte City, MO 64079
Permit # 240404
expires: 11/20/2016

←
Reprint of

AS IV Serial no: 107985
Version no: 532B

TEST RECORD 00155

Temp Date Time 210L
s/

Air Blank:
06/24/15 07:35 .000
Calibration Check:
27 06/24/15 07:35 .101

Subject Name
TEST 3
Subject I.D.

Operator Name, I.D.
Deputy M. Blackmore
Location 135/A420
PCSO 415 E Third St
Platte City, MO 64079
Permit # 240404
expires: 11/20/2016



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 **14220** of Alcohol Reference Solution for Simulator were analyzed by gas chromatography on **September 25, 2014**, 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 **September 24, 2016** 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.



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

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**PERMIT
 TYPE II**

MEGHAN M BLACKMORE

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, INTOX DMT

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 11/20/2014

NUMBER 240404

EXPIRES 11/20/2016

DIRECTOR OF STATE PUBLIC HEALTH LABORATORY

,acting director

DIRECTOR OF DEPARTMENT OF HEALTH AND SENIOR SERVICES



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 BLACKMORE, MEGHAN
 Permit No 240404
 Date Issued 11/20/2014 Date Expires 11/20/2016