



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

RECEIVED REPORT #7
 By Carol Day at 11:21 am, Apr 06, 2015

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 107993	PRINTER SN 099.3586.836	DATE OF INSPECTION 04/04/2014
LOCATION OF INSTRUMENT (STREET AND CITY) 9623 St. Charles Rock Road St Louis MO 63114 (Breckenridge Hills PD)		TIME OF INSPECTION 3:35 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 LABORATORIES, INC. LOT # 14030 EXP. DATE 08/05/2016
- SIMULATOR TEMPERATURE (34°C ± 0.2°C) 34.0 SIMULATOR SN SD2309 SIMULATOR EXP DATE 06/02/2015

- 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 <input checked="" type="checkbox"/> .100	TEST 2 <input checked="" type="checkbox"/> .100	TEST 3 <input checked="" type="checkbox"/> .099
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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)	0	(.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).

INSPECTING OFFICER	PRINT NAME PO Brian Keller #277
SIGNATURE <i>PO Keller #277</i>	TELEPHONE NUMBER (314) 426-1214
TYPE II PERMIT NUMBER/EXPIRATION DATE 240276/06-13-2016	

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.**

690 NORTH 67th STREET • HARRISBURG, PA 17111-4511 • TELEPHONE: 717-564-6470

CERTIFICATE OF ANALYSIS

Certified Alcohol Reference Solution for Simulator

Random Samples of Lot Number 14200 of Alcohol Reference Solution for Simulator were analyzed by gas chromatography on August 6, 2014, using a Perkin Elmer Gas Chromatograph Autosystem XL S/N: 610N9030209, and found to contain 0.1213% (w/vol) ethyl alcohol. The expiration date for this lot number is August 5, 2016 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 FN122211-02 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.

AS IV Serial no: 107993
Version no: 532B

TEST RECORD 00158

Temp Date Time 210L ^{s/}

VOID: RFI
12 04/05/15 03:56

Subject Name

MAINTENANCE

Subject I.D.

PO VZ #277

Operator Name, I.D.

PO VZ #277

Location

9623 MO-180

St Louis MO 63114

AS IV Serial no: 107993
Version no: 532B

TEST RECORD 00154

Temp Date Time 210L ^{s/}

Air Blank:
04/05/15 03:38 .000
Calibration Check:
23 04/05/15 03:38 .100

Subject Name

MAINTENANCE

Subject I.D.

PO VZ #277

Operator Name, I.D.

9623 MO-180

Location

St Louis MO 63114

AS IV Serial no: 107993
Version no: 532B

TEST RECORD 00157

Temp Date Time 210L ^{s/}

Air Blank:
04/05/15 03:54 .000
Calibration Check:
24 04/05/15 03:54 .099

Subject Name

MAINTENANCE

Subject I.D.

PO VZ #277

Operator Name, I.D.

9623 MO-180

Location

St Louis MO 63114

AS IV Serial no: 107993
Version no: 532B

TEST RECORD 00155

Temp Date Time 210L ^{s/}

Air Blank:
04/05/15 03:41 .000
Calibration Check:
24 04/05/15 03:41 .100

Subject Name

MAINTENANCE

Subject I.D.

PO VZ #277

Operator Name, I.D.

9623 MO-180

Location

St Louis MO 63114



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



PERMIT
TYPE II

BRIAN P KELLER

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

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 506.111 through 506.119 RSMo.

DATE: 6/13/2014

NUMBER 240276

EXPIRES 6/13/2016

MO 580-0771(6/10)

DIRECTOR OF STATE PUBLIC HEALTH LABORATORY

DIRECTOR OF DEPARTMENT OF HEALTH AND SENIOR SERVICES

LAB 4 (08-10)

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 KELLER, BRIAN
Permit No 240276
Date Issued 6/13/2014 Date Expires 6/13/2016