



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 8:57 am, Aug 25, 2015

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

ALCO SENSOR IV SN 107975	PRINTER SN 099.3586.929	DATE OF INSPECTION 8-24-15
LOCATION OF INSTRUMENT (STREET AND CITY) 201 E. Park Vandalia, MO 63382		TIME OF INSPECTION 0152

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 # 14220 EXP. DATE 9-24-16

SIMULATOR TEMPERATURE (34°C ± 0.2°C) 34.0° C SIMULATOR SN S02280 SIMULATOR EXP DATE 8-12-16

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 = .099%

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).

*New instrument, putting into service on today's date.
 Recalibrated for .100% solution*

INSPECTING OFFICER

SIGNATURE *Justin Landis* PRINT NAME Justin Landis

TYPE II PERMIT NUMBER/EXPIRATION DATE 250189 / 8-18-17 TELEPHONE NUMBER 573-594-6927

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.

580 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°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.

not 107975
532B

TEST RECORD 00186

Temp Date Time 210L

VOID: RFI
12 08/24/15 09:56

Subject Name
Maintenance

Subject I.D.

Operator Name, I.D.
Landis 250189

Location
VPD

AS IV Serial not 107975
Version not 532B

TEST RECORD 00194

Temp Date Time 210L

Air Blank:
08/24/15 10:23 .000
Calibration Check:
24 08/24/15 10:23 .699

Subject Name
Maintenance
Subject I.D.

Operator Name, I.D.
Landis 250189

Location
VPD

AS IV Serial not 107975
Version not 532B

TEST RECORD 00187

Temp Date Time 210L

Air Blank:
08/24/15 09:58 .000
Calibration Check:
21 08/24/15 09:58 .000

Subject Name
Maintenance

Subject I.D.

Operator Name, I.D.
Landis

Location
Landis, 250189
VPD

AS IV Serial not 107975
Version not 532B

TEST RECORD 00195

Temp Date Time 210L

Air Blank:
08/24/15 10:25 .000
Calibration Check:
24 08/24/15 10:25 .099

Subject Name
Maintenance

Subject I.D.

Operator Name, I.D.
Landis 250189

Location
VPD

AS IV Serial not 107975
Version not 532B

TEST RECORD 00196

Temp Date Time 210L

Air Blank:
08/24/15 10:26 .000
Calibration Check:
24 08/24/15 10:26 .099

Subject Name
Maintenance

Subject I.D.

Operator Name, I.D.
Landis
Landis 250189

Location
VPD



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

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**PERMIT
 TYPE II**

JUSTIN LANDIS

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

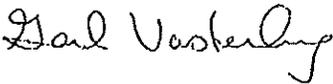
for the determination of the alcoholic content of blood from a sample of expired air. Permit issued under the provisions of sections 577.020 through 577.041, RSMo and 306.111 through 306.119 RSMo.

DATE 8/18/2015

NUMBER 250189

EXPIRES 8/18/2017


 DIRECTOR OF STATE PUBLIC HEALTH LABORATORY


 DIRECTOR OF DEPARTMENT OF HEALTH AND SENIOR SERVICES

MO 580-0771 (6-10)

LAB-4 (R3-10)

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 LANDIS, JUSTIN
 Permit No 250189
 Date Issued 8/18/2015 Date Expires 8/18/2017