



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

RECEIVED
 By Carol Day at 2:47 pm, May 11, 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 111328	PRINTER SN 099.3586.579	DATE OF INSPECTION 05/03/2016
LOCATION OF INSTRUMENT (STREET AND CITY) 218 North State Street, Knob Noster		TIME OF INSPECTION 8:06 pm

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 # 15220 EXP. DATE 09/28/2017

SIMULATOR TEMPERATURE (34°C ± 0.2°C) 34.0 SIMULATOR SN SD2231 SIMULATOR EXP DATE 04/27/2017

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 → .102

TEST 2 → .103

TEST 3 → .103

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).

New Instrument. Functioning correctly within Department of Health Standards.

INSPECTING OFFICER

SIGNATURE

PRINT NAME
 Sgt. Karl Van Vickle

TYPE & PERMIT NUMBER/EXPIRATION DATE
 260214 / 05-03-2018

TELEPHONE NUMBER
 (660) 563-2233

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

COPY



GUTH LABORATORIES, INC.

690 NORTH 67th STREET • HARRISBURG, PA 17111-4511 • TELEPHONE: 717-584-5470

CERTIFICATE OF ANALYSIS

Certified Alcohol Reference Solution for Simulator

Random Samples of Lot Number 15220 of Alcohol Reference Solution for Simulator were analyzed by gas chromatography on September 30, 2015, using a Perkin Elmer Gas Chromatograph Autosystem XL S/N: 610N9030209, and found to contain 0.1214% (w/vol) ethyl alcohol. The expiration date for this lot number is September 28, 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.

COPY

AS IV Serial no: 111328
Version no: 532B

TEST RECORD 00044

Temp Date Time ^{9/} 210L

Air Blank:
05/03/16 20:46 .000
Subject Test: Auto
22 05/03/16 20:46 .000

TEST

Subject Name

Monthly Maintenance
Subject I.D.

Sgt. Karl VanVickle 260214
Operator Name, I.D.

Knoh Noster PD
Location

218 N. State St Knoh

Noster MO 65336

AS IV Serial no: 111328
Version no: 532B

TEST RECORD 00046

Temp Date Time ^{9/} 210L

Air Blank:
05/03/16 20:54 .000
Subject Test: Man
23 05/03/16 20:54 .102

TEST

Subject Name

Monthly Maintenance
Subject I.D.

Sgt Karl VanVickle 260214
Operator Name, I.D.

Knoh Noster PD
Location

218 N. State St Knoh

Noster MO 65336

AS IV Serial no: 111328
Version no: 532B

TEST RECORD 00048

Temp Date Time ^{9/} 210L

Air Blank:
05/03/16 20:58 .000
Subject Test: Man
24 05/03/16 20:58 .103

TEST

Subject Name

Monthly Maintenance
Subject I.D.

Sgt. Karl VanVickle 260214
Operator Name, I.D.

Knoh Noster PD
Location

218 N. State St Knoh Noster

MO 65336

AS IV Serial no: 111328
Version no: 532B

TEST RECORD 00045

Temp Date Time ^{9/} 210L

VOID: RFI
12 05/03/16 20:47

TEST

Subject Name

Monthly Maintenance
Subject I.D.

Sgt. Karl VanVickle 260214
Operator Name, I.D.

Knoh Noster PD
Location

218 N. State St. Knoh

Noster MO 65336

AS IV Serial no: 111328
Version no: 532B

TEST RECORD 00047

Temp Date Time ^{9/} 210L

Air Blank:
05/03/16 20:56 .000
Subject Test: Man
23 05/03/16 20:56 .103

TEST

Subject Name

Monthly Maintenance
Subject I.D.

Sgt. Karl VanVickle 260214
Operator Name, I.D.

Knoh Noster PD
Location

218 N. State St. Knoh

Noster MO 65336

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



**PERMIT
 TYPE II**

KARL E VAN VICKLE

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 5/3/2016

DIRECTOR OF STATE PUBLIC HEALTH LABORATORY

NUMBER 260214

EXPIRES 5/3/2018

DIRECTOR OF DEPARTMENT OF HEALTH AND SENIOR SERVICES

MD 580-0771 (6-10)

LAB-4 (R6-10)

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 VAN VICKLE, KARL
 Permit No 260214
 Date Issued 5/3/2016 Date Expires 5/3/2018

COPY