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By Tracy Crews at 8:15 am, Jul 21, 2020



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

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 108392 PRINTER SN 099.3586.814 DATE OF INSPECTION 07/17/2020

LOCATION OF INSTRUMENT (STREET AND CITY) 5490 5th St. Cottleville MO 63304 TIME OF INSPECTION 3:04 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 # 19370 EXP. DATE 12/09/2021

SIMULATOR TEMPERATURE (34°C ± 0.2°C) 34C SIMULATOR SN MP4952 SIMULATOR EXP DATE 07/14/2021

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 ← .100

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 3 (0-.04) 0 (.05-.09) 0 (.10-.14) 0 (.15-.19) 0 (OVER .19)

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 *[Signature]*

PRINT NAME Richard Phillips

TYPE II PERMIT NUMBER/EXPIRATION DATE 200079 02-06-2022

TELEPHONE NUMBER (636) 498-6464

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: 108392
Version no: 532B

TEST RECORD - REPRINT

TEST RECORD 00655

Temp Date Time 210L

Air Blank:
07/17/20 15:04 .000
Calibration Check:
23 07/17/20 15:04 .100

Subject Name

TEST 1

Subject I.D.

200079

Operator Name, I.D.

R PHILLIPS 408

Location

BOOKING ROOM

AS IV Serial no: 108392
Version no: 532B

TEST RECORD 00656

Temp Date Time 210L

Air Blank:
07/17/20 15:06 .000
Calibration Check:
24 07/17/20 15:06 .099

Subject Name

TEST 2

Subject I.D.

200079

Operator Name, I.D.

R PHILLIPS 408

Location

BOOKING ROOM

AS IV Serial no: 108392
Version no: 532B

TEST RECORD 00657

Temp Date Time 210L

Air Blank:
07/17/20 15:08 .000
Calibration Check:
25 07/17/20 15:08 .099

Subject Name

TEST 3

Subject I.D.

200079

Operator Name, I.D.

R PHILLIPS 408

Location

BOOKING ROOM

AS IV Serial no: 108392
Version no: 532B

TEST RECORD 00658

Temp Date Time 210L

VOID: RFI
12 07/17/20 15:10

Subject Name

RFI TEST

Subject I.D.

200079

Operator Name, I.D.

R PHILLIPS 408

Location

BOOKING ROOM

AS IV Serial no: 108392
Version no: 532B

TEST RECORD 00659

Temp Date Time 210L

Air Blank:
07/17/20 15:12 .000
Subject Test: Auto
26 07/17/20 15:12 .000

Subject Name

ZERO TEST

Subject I.D.

200079

Operator Name, I.D.

R PHILLIPS 408

Location

BOOKING ROOM



GUTH LABORATORIES, INC.

690 NORTH 67th STREET • HARRISBURG, PA 17111-4611 • TELEPHONE: 717-654-6470

CERTIFICATE OF ANALYSIS

Certified Alcohol Reference Solution for Simulator

Random Samples of Lot Number 19370 of Alcohol Reference Solution for Simulator were analyzed by gas chromatography on December 10, 2019, using a Perkin Elmer Gas Chromatograph Autosystem XL S/N: 610N9030209, and found to contain 0.1199% (w/vol) ethyl alcohol. The expiration date for this lot number is December 9, 2021 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 FN04271602 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

RICHARD PHILLIPS

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 2/6/2020

NUMBER 200079

EXPIRES 2/6/2022

MO 680-0771 (6-10)

DIRECTOR OF STATE PUBLIC HEALTH LABORATORY

DIRECTOR OF DEPARTMENT OF HEALTH AND SENIOR SERVICES

LAB-4 (16-10)

 **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 PHILLIPS, RICHARD
Permit No 200079
Date Issued 2/6/2020 Date Expires 2/6/2022

