



ALCO-SENSOR IV WITH PRINTER MAINTENANCE REPORT

RECEIVED

By Tracy Crews at 9:11 am, Jan 28, 2020

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 111768	PRINTER SN 09B.3589.448	DATE OF INSPECTION 01/27/2020
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LOCATION OF INSTRUMENT (STREET AND CITY) 81 SOUTH ORCHARD BOULEVARD, FAIR GROVE, MO	TIME OF INSPECTION 10:29 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 LABS LOT # 17130 EXP. DATE 06/12/2020

SIMULATOR TEMPERATURE (34°C ± 0.2°C) 33.98 SIMULATOR SN MP2944 SIMULATOR EXP DATE 10/28/2020

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 .098	TEST 2 .097	TEST 3 0.96
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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

SIGNATURE 	PRINT NAME SGT. BRIAN D. WAY
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TYPE II PERMIT NUMBER/EXPIRATION DATE 290235 10/01/2021	TELEPHONE NUMBER (417) 759-6482
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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 10 Serial no: 111763
Version no: 532B

TEST RECORD 00460

Temp Date Time 210L %/

Air Blank:

01/27/20 10:29 .000

Subject Test: Auto

21 01/27/20 10:29 .098

Subject Name

Subject I.D.

Operator Name, I.D.

Location

TEST 1
WAY
290235
FGPO

AS 10 Serial no: 111763
Version no: 532B

TEST RECORD 00461

Temp Date Time 210L %/

Air Blank:

01/27/20 10:30 .000

Subject Test: Auto

21 01/27/20 10:30 .097

Subject Name

Subject I.D.

Operator Name, I.D.

Location

TEST 2
WAY
290235
FGPO

AS 10 Serial no: 111763
Version no: 532B

TEST RECORD 00462

Temp Date Time 210L %/

Air Blank:

01/27/20 10:32 .000

Subject Test: Auto

22 01/27/20 10:32 .096

Subject Name

Subject I.D.

Operator Name, I.D.

Location

TEST 3
WAY
290235
FGPO

AS 10 Serial no: 111763
Version no: 532B

TEST RECORD 00463

Temp Date Time 210L %/

UOIR: KPI

12 01/27/20 10:33

Subject Name

Subject I.D.

Operator Name, I.D.

Location

TEST 4
WAY
290235
FGPO

AS 10 Serial no: 111763
Version no: 532B

TEST RECORD 00464

Temp Date Time 210L %/

Air Blank:

01/27/20 10:34 .000

Subject Test: Auto

33 01/27/20 10:34 .000

Subject Name

Blank Test

Subject I.D.

WAY

Operator Name, I.D.

290235

Location

FGPO



GUTH LABORATORIES, INC.

520 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 18190 of Alcohol Reference Solution for Simulator were analyzed by gas chromatography on June 14, 2018, using a Perkin Elmer Gas Chromatograph Autosystem XL S/N: 610N9030209, and found to contain 0.1215% (w/vol) ethyl alcohol. The expiration date for this lot number is June 12, 2020 at 11:59 PM.

When used in a calibrated Simulator, operating at $34^{\circ}\text{C} \pm 0.2^{\circ}\text{C}$, this solution will give a breath alcohol analysis instrument reading of $0.100 \text{ g}/210\text{L} \pm 3\%$.

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 EN04271602 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
BRIAN D WAY

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 10/1/2019

NUMBER 290235

EXPIRES 10/1/2021

DIRECTOR OF STATE PUBLIC HEALTH LABORATORY

DIRECTOR OF DEPARTMENT OF HEALTH AND SENIOR SERVICES

MO 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 WAY, BRIAN
 Permit No 290235
 Date Issued 10/1/2019 Date Expires 10/1/2021