



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

RECEIVED

By Tracy Crews at 10:29 am, Jul 16, 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 100291	PRINTER SN 093.3563.019	DATE OF INSPECTION 07/16/2020
LOCATION OF INSTRUMENT (STREET AND CITY) Willow Springs Police Department		TIME OF INSPECTION 8:03 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 LOT # 19160 EXP. DATE 07/09/2021

☒ SIMULATOR TEMPERATURE (34°C ± 0.2°C) 34 SIMULATOR SN SD1652 SIMULATOR EXP DATE 08/01/2020

☒ 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 .102

TEST 2 .102

TEST 3 .102

☒ 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).

INSPECTING OFFICER

SIGNATURE

PRINT NAME
Wes Ellison

TYPE II PERMIT NUMBER/EXPIRATION DATE
#290080 04/16/2021

TELEPHONE NUMBER
(417) 469-3158

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.

590 NORTH 67th STREET • HARRISBURG, PA 17111-4511 • TELEPHONE: 717-664-6470

CERTIFICATE OF ANALYSIS

Certified Alcohol Reference Solution for Simulator

Random Samples of Lot Number **19160** of Alcohol Reference Solution for Simulator were analyzed by gas chromatography on **July 10, 2019**, using a Perkin Elmer Gas Chromatograph Autosystem XL S/N: 610N9030209, and found to contain **0.1202%** (w/vol) ethyl alcohol. The expiration date for this lot number is **July 9, 2021** at 11:59 PM.

When used in a calibrated Simulator, operating at $34^{\circ}\text{C} \pm .2^{\circ}\text{C}$, this solution will give a breath alcohol analysis instrument reading of **0.100 g/210L \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 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
WES ELLISON

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, INTOX DMT

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 4/16/2019

NUMBER 290080

EXPIRES 4/16/2021

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
<small>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.</small>	
Operator ELLISON, WES	
Permit No 290080	
Date Issued 4/16/2019 Date Expires 4/16/2021	

AS IV Serial no: 100291
Version no: 532B

TEST RECORD 00486

Temp Date Time 210L
a/
WIND: RFI
12 07/16/20 08:17

Subject Name
RFI

Subject I.D.
#290080

Operator Name, I.D.
W. ELISON

Location
Whitow Springs

Police

AS IV Serial no: 100291
Version no: 532B

TEST RECORD 00485

Temp Date Time 210L
a/
Air Blank: 07/16/20 08:15 .000
Calibration Check: 23 07/16/20 08:15 .102

Subject Name
TEST #3

Subject I.D.
#290080

Operator Name, I.D.
W. ELISON

Location
Whitow Springs

Police

AS IV Serial no: 100291
Version no: 532B

TEST RECORD 00484

Temp Date Time 210L
a/
Air Blank: 07/16/20 08:11 .000
Calibration Check: 23 07/16/20 08:11 .102

Subject Name
TEST #2

Subject I.D.
#290080

Operator Name, I.D.
W. ELISON

Location
Whitow Springs

Police

AS IV Serial no: 100291
Version no: 532B

TEST RECORD 00483

Temp Date Time 210L
a/
Air Blank: 07/16/20 08:03 .000
Calibration Check: 22 07/16/20 08:03 .102

Subject Name
TEST #1

Subject I.D.
#290080

Operator Name, I.D.
W. ELISON

Location
Whitow Springs

Police