



ALCO-SENSOR IV WITH PRINTER MAINTENANCE REPORT

RECEIVED

By Tracy Crews at 8:22 am, Aug 03, 2021

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 030791	NAME OF AGENCY Hazelwood Police Department	DATE OF INSPECTION 08/02/2021
LOCATION OF INSTRUMENT (STREET AND CITY) 415 Elm Grove Lane Hazelwood, Missouri 63042		TIME OF INSPECTION 12:58 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 # 21080 EXP. DATE 03/08/2023

SIMULATOR TEMPERATURE (34°C ± 0.2°C) 34.0 SIM. SN MP6029 SIM. NIST EXP DATE 07/19/2022

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 .103

TEST 2 .103

TEST 3 .104

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 Scott M. Schnurbusch
TYPE II PERMIT NUMBER/EXPIRATION DATE 290220 09/25/2021	TELEPHONE NUMBER (314) 513-5265

Return completed report to the: Breath Alcohol Program, MO Department of Health and Senior Services, Southeast District Office by mail, fax, or email.

AS IV Serial no: 030791
Version no: 532B

TEST RECORD 00704

Temp Date Time 210L %/

Air Blank: 08/02/21 12:58 .000
Calibration Check: 22 08/02/21 12:58 .103

Subject Name

Test #1

Subject I.D.

Schumberd 290220

Operator Name, I.D.

HPD

Location

BAT VAN

AS IV Serial no: 030791
Version no: 532B

TEST RECORD 00705

Temp Date Time 210L %/

Air Blank: 08/02/21 13:00 .000
Calibration Check: 23 08/02/21 13:00 .103

Subject Name

Test #2

Subject I.D.

Schumberd 290220

Operator Name, I.D.

HPD

Location

BAT VAN

AS IV Serial no: 030791
Version no: 532B

TEST RECORD 00706

Temp Date Time 210L %/

Air Blank: 08/02/21 13:02 .000
Calibration Check: 23 08/02/21 13:02 .104

Subject Name

Test #3

Subject I.D.

Schumberd 290220

Operator Name, I.D.

HPD

Location

BAT Van

AS IV Serial no: 030791
Version no: 532B

TEST RECORD 00707

Temp Date Time 210L %/

VOID: RFI
12 08/02/21 13:04

Subject Name

RFI Test

Subject I.D.

Schumberd 290220

Operator Name, I.D.

HPD

Location

BAT Van

AS IV Serial no: 030791
Version no: 532B

TEST RECORD 00708

Temp Date Time 210L %/

Air Blank: 08/02/21 13:05 .000
Subject Test: Auto
24 08/02/21 13:05 .000

Subject Name

Blank Test

Subject I.D.

Schumberd 290220

Operator Name, I.D.

HPD

Location

BAT VAN



GUTH LABORATORIES, INC.

590 NORTH 67th STREET • HARRISBURG, PA 17111-4511 • TELEPHONE: 717-664-5470

CERTIFICATE OF ANALYSIS

Certified Alcohol Reference Solution for Simulator

Random Samples of Lot Number 21080 of Alcohol Reference Solution for Simulator were analyzed by gas chromatography on March 10, 2021, 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 March 8, 2023 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 FN03052002 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

SCOTT M SCHNURBUSCH

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 EC/IR II

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 9/25/2019

NUMBER 290220

EXPIRES 9/25/2021

DIRECTOR OF STATE PUBLIC HEALTH LABORATORY

DIRECTOR OF DEPARTMENT OF HEALTH AND SENIOR SERVICES

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 SCHNURBUSCH, SCOTT
Permit No 290220
Date Issued 9/25/2019 Date Expires 9/25/2021