

MISSOURI DEPARTMENT OF HEALTH AND SENIOR SERVICES STATE PUBLIC HEALTH LABORATORY

By Tracy Crews at 7:25 am, Dec 17, 2024

ALCO-SENSOR IV WITH PRINTER MAINTENANCE REPORT

REPORT #7

4265611									
Complete this report in d Send copy to Departmen							whenev	ver instrument is	repaired.
ALCO SENSOR IV SN 111325		NAME OF AGENCY Missouri State Highway Patrol				DATE OF INSPECTION 12/16/2024			
LOCATION OF INSTRUMENT (STREET AND CITY) 504 SE. Blue Parkway, Lee's Summit, Mo. 64063						TIME OF INSPECTION 1:35 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 INC. LOT # 23390 EXP. DATE 10/17/2025									
☑ SIMULATOR TEMPERATURE (34°C ± 0.2°C) 34.02 SIM. SN MP2486 SIM. NIST EXP DATE 11/27/2025									2025
 ✓ 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	(004)	(.0509)	4	(.1014)	3	(.1519)	6	(OVER .19)	3
List any new parts and destablished limits (use off			n that w	as made to	restore t	the instrument to	o operat	te satisfactorily a	nd within
INSPECTING OFFICER									
SIGNATURE Our	ul	\$			PRINT NAME Tpr. D.T. Craig #561				
230044 03/27/2025						TELEPHONE NUMBER (816) 622-0800			
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: 111325 Version no: 5328

TEST RECORD 00484

Temp Date Time 210L

Air Blank: 12/16/24 02:02 .000 Calibration Check: 21 12/16/24 02:02 .102

Subject Name
Subject I.D.

D.T. Craig 330044

AS IV Serial no: 111325 Version no: 5328

TEST RECORD 00485

Temp Date Time 210L

Air Blank: 12/16/24 02:04 .000 Calibration Check: 22 12/16/24 02:04 .102

Subject Name 7
Subject 1.D.

D.T. Craig 330244
Location A

AS IV Serial no: 111325 Version no: 532B

TEST RECORD 00486

Temp Date Time 210L

Air Blank: 12/16/24 02:06 000 Calibration Check: 23 12/16/24 02:05 .102

Subject Name
Subject 1.D.

D.T. Craiz 33 0044

Location

Those A

AS IV Serial no: 111325 Version no: 5328

TEST RECORD 00487

Temp Date Time 210L VOID: RFI 12 12/16/24 02:07

Subject Name RFI Test Subject 1.D.

D.T. Cary 730044 Location A



CERTIFICATE OF ANALYSIS

Certified Alcohol Reference Solution for Simulator

Random Samples of Lot Number 23390 of Alcohol Reference Solution for Simulator were analyzed by gas chromatography on October 18, 2023, using a Perkin Elmer Gas Chromatograph Autosystem XL S/N: 610N9030209, and found to contain 0.1207% (w/vol) ethyl alcohol. The expiration date for this lot number is October 17, 2025 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 FN03072301 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



PERMIT TYPE II

DAVID T. CRAIG

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

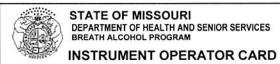
577.020 through 577.041, RSMo and 306.111 through 306.119 RSMo. Mike Massur DATE ____3/27/2023 DIRECTOR OF STATE PUBLIC HEALTH LABORATORY NUMBER 230044 Davla J. Nichelson

EXPIRES 3/27/2025

MO 580-0771 (6-10)

DIRECTOR OF DEPARTMENT OF HEALTH AND SENIOR SERVICES

LAB-4 (R6-10)



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 CRAIG, DAVID 230044 Permit No

Date Expires 3/27/2025

