

MISSOURI DEPARTMENT OF HEALTH AND SENIOR SERVICES STATE PUBLIC HEALTH LABORATORY

RECEIVED By Tracy Crews at 8:09 am, May 20, 2024

ALCO-SENSOR IV WITH PRINTER MAINTENANCE REPORT

REPORT #7

	- States.										
	mplete this report in du nd copy to Department								d whenev	er instrument is r	epaired.
ALCO SENSOR IV SN 108391			NAME OF AGENCY MSHP Troop F				DATE OF INSPECTION 05/17/2024				
	CATION OF INSTRUMENT (S	i * , * , * ,			TIME OF INSPECTION 7:00 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.											
Z	DIGITAL READOUT (ALL ELEMENTS OPERATIONAL)										
Z	TEMPERATURE OF ALCO SENSOR (10°C - 40°C)										
Z	PRINTER WORKING PROPERLY										
	✓ TIME AND DATE DISPLAYING PROPERLY										
BR	EATH ALCOHOL ACC	CURACY STA	NDARE	os							
V	SIMULATOR SOLUT	SIMULATOR SOLUTION COMPRESSED ETHANOL-GAS MIXTURE									
Z	STANDARD SUPPLI	STANDARD SUPPLIER Guth Laboratories LOT # 23180 EXP. DATE 05/18/2025									
V	SIMULATOR TEMPE	RATURE (34	°C ± 0.2	2°C)34.00	<u>)</u> sı	M. SN	MP231	5 SIM. N	NIST EXF	DATE 11/20/20	024
_	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 ◆ 0.097			EST 2 ▼ 0.098			TEST 3 0.098					
V	RFI DETECTOR OPE	RATING									
INDICATE THE NUMBER OF BREATH TESTS IN THE FOLLOWING RANGES SINCE THE LAST MAINTENANCE REPORT: (DO NOT INCLUDE SELF-ADMINISTERED TESTS)											
RE	FUSALS	(004)	0	(.0509)	1	(.1014)	0	(.1519)	0	(OVER .19)	0
est	t any new parts and d ablished limits (use oth I checks normal	(1906 mil 1964) [H. H. H			on that v	was made to	restore	the instrument	to operat	e satisfactorily ar	nd within
INSPECTING OFFICER											
SIGNATURE Matthin Ed. 292								PRINT NAME Matthew D. Easton			
TYPE II PERMIT NUMBER/EXPIRATION DATE 230127 - 06/20/2025								(573) 751-1000			
Re	turn completed repor			ohol Program	, MO De	partment of H	lealth a	nd Senior Servi	ces, Sout	theast District Offi	ce

AS IV Serial no: 108391 Version no: 532B

TEST RECORD 00913

Temp Date Time 210L

Air Blank: 05/17/24 19:25 .000 Calibration Check: 27 05/17/24 19:25 .097

Subject Name

. Test 1 Subject I.D.

Operator Name, I.D.

M.D. Easton 230127

Location

Osage Beach PD

Zone Office

AS IV Serial no: 108391 Version no: 532B

TEST RECORD 00914

9/

Temp Date Time 210L Air Blank: 05/17/24 19:29 .000

Calibration Check: 27 05/17/24 19:29 .098

Subject Name

Test Z

Subject I.D.

Operator Name, I.D.

M.D. Easton 230127

Location

Osage Beach PD

Zone Office

AS IV Serial no: 108391 Version no: 532B

TEST RECORD 00915

Temp Date Time 210L

Air Blank:

05/17/24 19:34 .000

Calibration Check: 27 05/17/24 19:34 .098

Subject Name

Test 3

Subject 1.D.

Operator Name: I.D.

M.D. Easton 230127

Location

Osage Beach PD

Zore Office

AS IV Serial no: 188391
Version no: 532B

TEST RECORD 88916

Solution

TEST RECORD 88916

Solution

Operator Name, I.D.

Operator Name, I.D.

Coation

Osay Reach 80

Zave Office



CERTIFICATE OF ANALYSIS

Certified Alcohol Reference Solution for Simulator

Random Samples of Lot Number 23180 of
Alcohol Reference Solution for Simulator were analyzed by
gas chromatography on May 18, 2023, using a Perkin Elmer Gas Chromatograph
Autosystem XL S/N: 610N9030209, and found to contain 0.1220% (w/vol)
ethyl alcohol. The expiration date for this lot
number is May 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 FN11172002 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

MATTHEW D. EASTON

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	6/20/2023	/ (ike / lassmi
		DIRECTOR OF STATE PUBLIC HEALTH LABORATORY
NUMBER	230127	
EXPIRES	6/20/2025	Davla J. Nichelson
		DIRECTOR OF DEPARTMENT OF HEALTH AND SENIOR SERVICES

MO 580-0771 (6-10)

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 EASTON, MATTHEW

Permit No 230127

