



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

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 111675	NAME OF AGENCY DNR State Park Rangers (MSC)	DATE OF INSPECTION 09/03/2021
LOCATION OF INSTRUMENT (STREET AND CITY) 1200 South Holden St. Warrensburg Mo 64093		TIME OF INSPECTION 11:14 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 Labs LOT # 20190 EXP. DATE 04/06/2022

SIMULATOR TEMPERATURE (34°C ± 0.2°C) 34.00 SIM. SN MP 2109 SIM. NIST EXP DATE 01/19/2022

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 .099

TEST 2 .098

TEST 3 .097

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-.04)	(.05-.09)	(.10-.14)	(.15-.19)	(OVER .19)
----------	---------	-----------	-----------	-----------	------------

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).

New Placement with DNR State Park Rangers

INSPECTING OFFICER

SIGNATURE

PRINT NAME
Matthew Bond

TYPE II PERMIT NUMBER/EXPIRATION DATE
210195 09/02/2023

TELEPHONE NUMBER
(660) 543-4597

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: 111675
Version no: 532B

TEST RECORD 00013

Temp	Date	Time	g/210L
Air Blank:	09/03/21	11:12	.000
Calibration Check:	26 09/03/21	11:12	.100

Subject Name
CALIBRATION

Subject I.D.

Operator Name, I.D. ²¹⁰¹⁹⁵

MATT Bond 210195
Location 9-2-2023

MSC

AS IV Serial no: 111675
Version no: 532B

TEST RECORD 00014

Temp	Date	Time	g/210L
Air Blank:	09/03/21	11:14	.000
Calibration Check:	27 09/03/21	11:14	.099

Subject Name
TEST

Subject I.D.

Operator Name, I.D.

MATT Bond 210195
Location 9-2-2023

MSC

AS IV Serial no: 111675
Version no: 532B

TEST RECORD 00015

Temp	Date	Time	g/210L
Air Blank:	09/03/21	11:15	.000
Calibration Check:	27 09/03/21	11:15	.098

Subject Name
TEST

Subject I.D.

Operator Name, I.D.

MATT Bond 210195
Location 9-2-2023

MSC

AS IV Serial no: 111675
Version no: 532B

TEST RECORD 00016

Temp	Date	Time	g/210L
Air Blank:	09/03/21	11:17	.000
Calibration Check:	27 09/03/21	11:17	.097

Subject Name
TEST

Subject I.D.

Operator Name, I.D.

MATT Bond 210195
Location 9-2-2023

MSC

AS IV Serial no: 111675
Version no: 532B

TEST RECORD 00017

Temp	Date	Time	g/210L
VOID: RFI	12 09/03/21	11:19	

Subject Name
TEST

Subject I.D.

Operator Name, I.D.

MATT Bond 210195
Location 9-2-2023

MSC

AS IV Serial no: 111675
Version no: 532B

TEST RECORD 00018

Temp	Date	Time	g/210L
Air Blank:	09/03/21	11:20	.000
Subject Test: Auto	27 09/03/21	11:20	.000

Subject Name
Blank

Subject I.D.

Operator Name, I.D.

MATT Bond 210195
Location 9-2-2023

MSC



GUTH LABORATORIES, INC.

590 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 **20190** of Alcohol Reference Solution for Simulator were analyzed by gas chromatography on **April 8, 2020**, using a Perkin Elmer Gas Chromatograph Autosystem XL S/N: 610N9030209, and found to contain **0.1206%** (w/vol) ethyl alcohol. The expiration date for this lot number is **April 6, 2022** 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 FN02271802 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**

MATT B. BOND

is hereby authorized to instruct and supervise operators, train instructors, inspect, calibrate, perform field service and repairs, and operate the following breath analyzer(s):

INTOX DMT, INTOXILYZER 8000, INTOX EC/IR II, ASIV W/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 9/2/2021

NUMBER 210195

EXPIRES 9/2/2023

Laura Q. Wang

DIRECTOR OF STATE PUBLIC HEALTH LABORATORY

Donald A. Kauffman

DIRECTOR OF DEPARTMENT OF HEALTH AND SENIOR SERVICES