



MISSOURI DEPARTMENT OF HEALTH AND SENIOR SERVICES
STATE PUBLIC HEALTH LABORATORY

RECEIVED

By Brianna Medrano at 10:16 am, Mar 20, 2023

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 111755	NAME OF AGENCY Missouri State Highway Patrol	DATE OF INSPECTION 03/19/2023
LOCATION OF INSTRUMENT (STREET AND CITY) 34 Carter 104, Van Buren		TIME OF INSPECTION 5:38 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.

<input checked="" type="checkbox"/> DIGITAL READOUT (ALL ELEMENTS OPERATIONAL)
<input checked="" type="checkbox"/> TEMPERATURE OF ALCO SENSOR (10°C - 40°C) <u>20°C</u>
<input checked="" type="checkbox"/> PRINTER WORKING PROPERLY
<input checked="" type="checkbox"/> TIME AND DATE DISPLAYING PROPERLY

BREATH ALCOHOL ACCURACY STANDARDS

<input checked="" type="checkbox"/> SIMULATOR SOLUTION	<input type="checkbox"/> COMPRESSED ETHANOL-GAS MIXTURE
<input checked="" type="checkbox"/> STANDARD SUPPLIER <u>RepCo Marketing Inc</u> LOT # <u>21001</u> EXP. DATE <u>06/16/2023</u>	
<input checked="" type="checkbox"/> SIMULATOR TEMPERATURE (34°C ± 0.2°C) <u>34.03</u> SIM. SN <u>MP2473</u> SIM. NIST EXP DATE <u>02/01/2024</u>	

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)

<input checked="" type="checkbox"/> 0.100% STANDARD - MUST READ BETWEEN 0.095% and 0.105% INCLUSIVE
<input type="checkbox"/> 0.080% STANDARD - MUST READ BETWEEN 0.076% and 0.084% INCLUSIVE
<input type="checkbox"/> 0.040% STANDARD - MUST READ BETWEEN 0.038% and 0.042% INCLUSIVE

TEST 1 ← <u>.101</u>	TEST 2 ← <u>.099</u>	TEST 3 ← <u>.099</u>
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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 <u>0</u>	(0-.04) <u>0</u>	(.05-.09) <u>1</u>	(.10-.14) <u>0</u>	(.15-.19) <u>0</u>	(OVER .19) <u>1</u>
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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 Thomas Meyer
TYPE # PERMIT NUMBER/EXPIRATION DATE 220218 09/07/2024	TELEPHONE NUMBER (417-469-3121)

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: 111755
Version no: 532B

TEST RECORD 00499

Temp Date Time 210L
s/

Air Blank:
03/19/23 17:42 .000
Calibration Check:
20 03/19/23 17:42 .101

Subject Name

Subject I.D.

Operator Name, I.D.

T. MEYER 220218
Location

34 CARTER 104

VAN BUREN

AS IV Serial no: 111755
Version no: 532B

TEST RECORD 00500

Temp Date Time 210L
s/

Air Blank:
03/19/23 17:44 .000
Calibration Check:
21 03/19/23 17:44 .099

Subject Name

Subject I.D.

Operator Name, I.D.

T. MEYER 220218
Location

34 CARTER 104

VAN BUREN

AS IV Serial no: 111755
Version no: 532B

TEST RECORD 00501

Temp Date Time 210L
s/

Air Blank:
03/19/23 17:47 .000
Calibration Check:
21 03/19/23 17:47 .099

Subject Name

Subject I.D.

Operator Name, I.D.

T. MEYER 220218
Location

34 CARTER 104

VAN BUREN

AS IV Serial no: 111755
Version no: 532B

TEST RECORD 00502

Temp Date Time 210L
s/

VOID: RFI
12 03/19/23 17:48

Subject Name

Subject I.D.

Operator Name, I.D.

T. MEYER 220218
Location

34 CARTER 104

VAN BUREN

RepCo Marketing Co
3101-188 Stony Brook Drive
Raleigh, NC 27604
919-876-5480

CERTIFICATE OF ANALYSIS

MANUFACTURER AND SUPPLIER: RepCo Marketing Co.
LOT NUMBER: 21001
EXPIRATION DATE: June 16, 2023 at 11:59 p.m.

RepCo Marketing Co. certifies the following:

RepCo Marketing Co. prepared, tested and supplied Lot Number 21001 of Alcohol Certified Solution for simulators. This solution was manufactured and tested by RepCo Marketing Co., with confirmation by ISO 17025 and ISO 17034 accredited institution Alcohol Countermeasure Systems, using NIST standards. Random samples were analyzed by Alcohol Countermeasure Systems utilizing a gas chromatograph and found to contain .1222 gms/dl +/- .003 gms/dl w/vol ethanol (95% Confidence).

The alcohol and distilled water used in the solution were found to be free of any interfering substance. This solution will produce a vapor alcohol value of .100 +/- 3% gms/210L breath when heated to 34 Degrees Celsius +/- 0.2 Degrees Celsius in a simulator (95% Confidence).

The date of manufacture for this lot number is June 17, 2021 The expiration date for this lot number is June 16, 2023 at 11:59 p.m.

This document is a true representation of the original Certificate of Analysis.

Alma Palmer
Alma Palmer, Operations Manager
RepCo Marketing Co.

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: MEYER, THOMAS
 Permit No: 220218
 Date Issued: 9/7/2022
 Date Expires: 9/7/2024



MO 580-0771 (6-10) LAB 4 (06-10)

DATE: 9/7/2022
 NUMBER: 220218
 EXPIRES: 9/7/2024

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.

DIRECTOR OF STATE PUBLIC HEALTH LABORATORY: *Mike Morrison*

DIRECTOR OF DEPARTMENT OF HEALTH AND SENIOR SERVICES: *David J. McQuinn*

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

STATE OF MISSOURI
 DEPARTMENT OF HEALTH AND SENIOR SERVICES
 BREATH ALCOHOL PROGRAM

PERMIT
 TYPE II

THOMAS W. MEYER

