



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

RECEIVED
 By Tracy Crews at 2:33 pm, May 24, 2023

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 111632	NAME OF AGENCY Missouri State Highway Patrol	DATE OF INSPECTION 05/23/2023
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LOCATION OF INSTRUMENT (STREET AND CITY) 34 Carter 104 Van Buren	TIME OF INSPECTION 11:17 am
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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 RepCo Marketing LOT # 21001 EXP. DATE 05/24/2023
- SIMULATOR TEMPERATURE (34°C ± 0.2°C) 34.02 SIM. SN MP2323 SIM. NIST EXP DATE 02/12/2024

- 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 → .100	TEST 3 → .099
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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	(0-.04)	(.05-.09) 1	(.10-.14) 1	(.15-.19)	(OVER .19)
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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 Zachary L. Ricker
TYPE / PERMIT NUMBER/EXPIRATION DATE 220251 10/21/2024	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: 111632
Version no: 532B

TEST RECORD 00164
Temp Date Time 210L
s/

Air Blank:
05/23/23 11:17 .000
Calibration Check:
19 05/23/23 11:17 .102

Subject Name

Subject I.D.

Operator Name, I.D.

Z.L. Ricker 220251
Location

34 Carter 104

Van Buren, MO

AS IV Serial no: 111632
Version no: 532B

TEST RECORD 00165
Temp Date Time 210L
s/

Air Blank:
05/23/23 11:18 .000
Calibration Check:
20 05/23/23 11:18 .100

Subject Name

Subject I.D.

Operator Name, I.D.

Z.L. Ricker 220251
Location

34 Carter 104

Van Buren, MO

AS IV Serial no: 111632
Version no: 532B

TEST RECORD 00166
Temp Date Time 210L
s/

Air Blank:
05/23/23 11:20 .000
Calibration Check:
21 05/23/23 11:20 .099

Subject Name

Subject I.D.

Operator Name, I.D.

Z.L. Ricker 220251
Location

34 Carter 104

Van Buren, MO

AS IV Serial no: 111632
Version no: 532B

TEST RECORD 00167
Temp Date Time 210L
s/

VOID: RFI
12 05/23/23 11:22

Subject Name

Subject I.D.

Operator Name, I.D.

Z.L. Ricker
Location

34 Carter 104

Van Buren, MO



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

2

PERMIT
TYPE II
ZACHARY RICKER

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 10/21/2022

NUMBER 220251

EXPIRES 10/21/2024

Mike Massum

DIRECTOR OF STATE PUBLIC HEALTH LABORATORY

David J. Nielsen

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 RICKER, ZACHARY

Permit No 220251

Date Issued 10/21/2022 Date Expires 10/21/2024



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 wt/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, Operations Manager
RepCo Marketing Co.