



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 111755	NAME OF AGENCY Missouri State Highway Patrol	DATE OF INSPECTION 03/18/2021
LOCATION OF INSTRUMENT (STREET AND CITY) 34 Carter 104, Van Buren, MO 63965		TIME OF INSPECTION 11:05 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.

- DIGITAL READOUT (ALL ELEMENTS OPERATIONAL)
- TEMPERATURE OF ALCO SENSOR (10°C - 40°C) *18°C*
- PRINTER WORKING PROPERLY
- 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>19002</u> EXP. DATE <u>10/16/2021</u>
<input checked="" type="checkbox"/> SIMULATOR TEMPERATURE (34°C ± 0.2°C) <u>34.04</u>	SIM. SN <u>MP2473</u> SIM. NIST EXP DATE <u>02/03/2022</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)
  - 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 ← <b>.098</b>	TEST 2 ← <b>.098</b>	TEST 3 ← <b>.098</b>
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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 <b>2</b>	(0-.04) <b>0</b>	(.05-.09) <b>0</b>	(.10-.14) <b>0</b>	(.15-.19) <b>1</b>	(OVER .19) <b>0</b>
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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).

**Changed time**

<b>INSPECTING OFFICER</b>	
SIGNATURE <i>Thomas Meyer</i>	PRINT NAME <b>Thomas Meyer</b>
TYPE II PERMIT NUMBER/EXPIRATION DATE <b>200244 09/08/2022</b>	TELEPHONE NUMBER <b>(417-469-3121)</b>

**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 00283

Temp Date Time 210L  
s/

Air Blank:  
03/17/21 23:11 .000  
Calibration Check:  
18 03/17/21 23:11 .098

Subject Name

Subject I.D.

Operator Name, I.D.

J. MEYER 200244

Location

341 CARTER 104

CARTER COUNTY

AS IV Serial no: 111755  
Version no: 532B

TEST RECORD 00284

Temp Date Time 210L  
s/

Air Blank:  
03/17/21 23:12 .000  
Calibration Check:  
18 03/17/21 23:12 .098

Subject Name

Subject I.D.

Operator Name, I.D.

J. MEYER 200244

Location

341 CARTER 104

CARTER COUNTY

AS IV Serial no: 111755  
Version no: 532B

TEST RECORD 00285

Temp Date Time 210L  
s/

Air Blank:  
03/17/21 23:13 .000  
Calibration Check:  
18 03/17/21 23:13 .098

Subject Name

Subject I.D.

Operator Name, I.D.

J. MEYER 200244

Location

341 CARTER 104

CARTER COUNTY

AS IV Serial no: 111755  
Version no: 532B

TEST RECORD 00286

Temp Date Time 210L  
s/

VOID: RFI  
12 03/17/21 23:15

Subject Name

Subject I.D.

Operator Name, I.D.

J. MEYER 200244

Location

341 CARTER 104

CARTER COUNTY

# RepCo

RepCo Marketing Co.  
3101-188 Stony Brook Rd.  
Raleigh, NC 27601  
888-828-1212

## CERTIFICATE OF ANALYSIS

**MANUFACTURER AND SUPPLIER:** RepCo Marketing Co.  
**LOT NUMBER:** 19002  
**EXPIRATION DATE:** October 16, 2021 at 11:59 p.m.

RepCo Marketing Co. certifies the following:


RepCo Marketing Co. prepared, tested and supplied Lot Number 19002 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 .1231 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 October 17, 2019 expiration date for this lot number is October 16, 2021 at 11:59 p.m.

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

  
Alma Palmer, Operations Manager  
RepCo Marketing Co.





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

**PERMIT  
TYPE II**

**THOMAS W. MEYER**

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

**ALCO-SENSOR IV WITH PRINTER, INTOX DMII**

for the determination of the alcoholic content of blood from a sample of expired air. Permitted under the provisions of 577.020 through 577.041, RSMo and 306.111 through 306.119 RSMo.

DATE 9/8/2020

NUMBER 200244

EXPIRES 9/8/2022

MO SMO 07/11 (6 12)

*[Signature]*  
DIRECTOR OF STATE POLICE

*[Signature]*  
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 instrument or breathalyzer instrument for the determination of the alcoholic content of breath from persons in Missouri.

Operator **MEYER THOMAS**  
Permit No **200244**  
Date Issued **9/8/2020** Date Expires **9/8/2022**

