



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

**RECEIVED**  
 By Tracy Crews at 2:51 pm, Feb 05, 2021

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 087976	NAME OF AGENCY Missouri State Highway Patrol	DATE OF INSPECTION 02/05/2021
LOCATION OF INSTRUMENT (STREET AND CITY) 3131 E Kearney, Springfield, Missouri 65803		TIME OF INSPECTION 04:46

**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                      LOT # 19001                      EXP. DATE 03/12/2021

SIMULATOR TEMPERATURE (34°C ± 0.2°C) 33.97                      SIM. SN MP2306                      SIM. NIST EXP DATE 01/07/2022

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 ← .099	TEST 3 ← .097
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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)	(.10-.14)	(.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).

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<b>INSPECTING OFFICER</b>	
SIGNATURE <i>D W Henley #727</i>	PRINT NAME D W Henley #727
TYPE II PERMIT NUMBER/EXPIRATION DATE 200224 08/13/2022	TELEPHONE NUMBER ( 417 ) 895- 6868

**Return completed report to the:** Breath Alcohol Program, MO Department of Health and Senior Services, Southeast District Office by mail, fax, or email.

AS IU Serial no: 087976  
Version no: 532B

TEST RECORD 00318

Temp Date Time 210L <sup>9/</sup>

Air Blank: 02/05/21 04:52 .000  
Calibration Check: 19 02/05/21 04:52 .099

Subject Name  
TEST 1  
Subject I.D.

Operator Name, I.D.  
D W HEWLEY # 727  
Location  
3131 E KEARNEY

SPRINGFIELD, MO  
D W # 727

AS IU Serial no: 087976  
Version no: 532B

TEST RECORD 00319

Temp Date Time 210L <sup>9/</sup>

Air Blank: 02/05/21 04:53 .000  
Calibration Check: 20 02/05/21 04:53 .099

Subject Name  
TEST 2  
Subject I.D.

Operator Name, I.D.  
D W HEWLEY # 727  
Location  
3131 E KEARNEY

SPRINGFIELD, MO  
D W # 727

AS IU Serial no: 087976  
Version no: 532B

TEST RECORD 00320

Temp Date Time 210L <sup>9/</sup>

Air Blank: 02/05/21 04:55 .000  
Calibration Check: 21 02/05/21 04:55 .097

Subject Name  
TEST 3  
Subject I.D.

Operator Name, I.D.  
D W HEWLEY # 727  
Location  
3131 E KEARNEY

SPRINGFIELD, MO  
D W # 727

AS IU Serial no: 087976  
Version no: 532B

TEST RECORD 00321

Temp Date Time 210L <sup>9/</sup>

VOID: RFI  
12 02/05/21 04:56

Subject Name  
RFI  
Subject I.D.

Operator Name, I.D.  
D W HEWLEY # 727  
Location  
3131 E KEARNEY

SPRINGFIELD, MO  
D W # 727



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

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**PERMIT  
TYPE II**

**DAVID W HENLEY, JR.**

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 8/13/2020

NUMBER 200224

EXPIRES 8/13/2022

DIRECTOR OF STATE PUBLIC HEALTH LABORATORY

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 HENLEY, JR., DAVID  
Permit No 200224  
Date Issued 8/13/2020 Date Expires 8/13/2022



## CERTIFICATE OF ANALYSIS

**MANUFACTURER AND SUPPLIER: RepCo Marketing Co.**

**LOT NUMBER: 19001**

**EXPIRATION DATE: March 12, 2021 at 11:59 p.m.**

RepCo Marketing Co. certifies the following:


RepCo Marketing Co. prepared, tested and supplied Lot Number 19001 of Alcohol Certified Solution for simulators. This solution was manufactured and tested by RepCo Marketing Co., with confirmation by accredited institution, Data Resources Inc., using NIST standards. Random samples were analyzed by Data Resources Inc. utilizing a gas chromatograph and found to contain .1210 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 March 13, 2019  
The expiration date for this lot number is March 12, 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.