



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

**RECEIVED**

By Tracy Crews at 8:16 am, Nov 16, 2020

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 111740 Printer #09b.3589.511	NAME OF AGENCY Missouri State Highway Patrol	DATE OF INSPECTION 11/14/2020
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LOCATION OF INSTRUMENT (STREET AND CITY) Missouri Department of Transportation, 1540 N. Highway 63, Houston, Missouri 65483	TIME OF INSPECTION 12:45 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 Co. LOT # 19002 EXP. DATE 10/16/2021

SIMULATOR TEMPERATURE (34°C ± 0.2°C) 33.96 SIM. SN MP2124 SIM. NIST EXP DATE 02/07/2021

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 ← .100

TEST 3 ← .100

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	(.01-.04)	0	(.05-.09)	0	(.10-.14)	0	(.15-.19)	0	(OVER .19)	0
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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  
 Dale B Pounds

TYPE II PERMIT NUMBER/EXPIRATION DATE  
 200214 07/21/2022

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: 111740  
Version no: 532B

TEST RECORD 00045

Temp	Date	Time	g/ 210L
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Air Blank:  
11/14/20 00:45 .000  
Calibration Check:  
19 11/14/20 00:45 .099

Subject Name

TEST 1

Subject I.D.

MONTHLY MAINTENANCE

Operator Name, I.D.

Pounds, Dale B #200214

Location

MISSOURI DEPARTMENT OF TRANSPORTATION

1540 N HWY 63, Houston, MO  
65483

AS IV Serial no: 111740  
Version no: 532B

TEST RECORD 00047

Temp	Date	Time	g/ 210L
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Air Blank:  
11/14/20 00:48 .000  
Calibration Check:  
20 11/14/20 00:48 .100

Subject Name

TEST 2

Subject I.D.

MONTHLY MAINTENANCE

Operator Name, I.D.

Pounds, Dale B #200214

Location

MISSOURI DEPARTMENT OF TRANSPORTATION

1540 N. HWY 63, Houston, MO  
65483

AS IV Serial no: 111740  
Version no: 532B

TEST RECORD 00048

Temp	Date	Time	g/ 210L
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Air Blank:  
11/14/20 00:50 .000  
Calibration Check:  
21 11/14/20 00:50 .100

Subject Name

TEST 3

Subject I.D.

MONTHLY MAINTENANCE

Operator Name, I.D.

Pounds, Dale B #200214

Location

MISSOURI DEPARTMENT OF TRANSPORTATION

1540 N. HWY 63, Houston, MO  
65483

AS IV Serial no: 111740  
Version no: 532B

TEST RECORD 00049

Temp	Date	Time	g/ 210L
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VOID: RFI  
12 11/14/20 00:53

Subject Name

TEST 4

Subject I.D.

MONTHLY MAINTENANCE REPORT

Operator Name, I.D.

Pounds, Dale B #200214

Location

MISSOURI DEPARTMENT OF TRANSPORTATION

1540 N HWY 63 Houston, MO  
65483



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

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**PERMIT**  
**TYPE II**  
**DALE B POUNDS**

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 7/21/2020

NUMBER 200214

EXPIRES 7/21/2022

MO 580-0771 (6-10)

DIRECTOR OF STATE PUBLIC HEALTH LABORATORY

DIRECTOR OF DEPARTMENT OF HEALTH AND SENIOR SERVICES

LAB-4 (R6-10)

**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 POUNDS, DALE  
 Permit No 200214  
 Date Issued 7/21/2020    Date Expires 7/21/2022

## 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 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 .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 The 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.