



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

**RECEIVED**

By Tracy Crews at 6:26 am, Mar 25, 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 111768	NAME OF AGENCY Fair Grove Police Department	DATE OF INSPECTION 03/19/2021
-----------------------------	--	----------------------------------

LOCATION OF INSTRUMENT (STREET AND CITY) 81 S Orchard BLVD, Fair Grove, Missouri 65648	TIME OF INSPECTION 12:04
---	-----------------------------

**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**

<input checked="" type="checkbox"/> SIMULATOR SOLUTION	<input type="checkbox"/> COMPRESSED ETHANOL-GAS MIXTURE
--	---

<input checked="" type="checkbox"/> STANDARD SUPPLIER <u>REPCO</u>	LOT # <u>19002</u>	EXP. DATE <u>10/16/2021</u>
--	--------------------	-----------------------------

<input checked="" type="checkbox"/> SIMULATOR TEMPERATURE (34°C ± 0.2°C) <u>33.97</u>	SIM. SN <u>MP2306</u>	SIM. NIST EXP DATE <u>01/07/2022</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 <u>.100</u>	TEST 2 <u>.099</u>	TEST 3 <u>.099</u>
--------------------	--------------------	--------------------

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)
----------	---------	-----------	-----------	-----------	------------

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 +1 hour due to recent time change, completed calibration

**INSPECTING OFFICER**

SIGNATURE 	PRINT NAME D W Henley #727
TYPE II PERMIT NUMBER EXPIRATION DATE 200224 8/13/2022	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 IV Serial no: 111768  
Version no: 532B

TEST RECORD 00570

Temp	Date	Time	210L
Air Blank: 03/19/21 12:18 .000			
Calibration: 23 03/19/21 12:18 .100			

Subject Name  
CALIBRATION

Subject I.D.

Operator Name, I.D.  
DU HEULEY # 727

Location  
815 ORCHARD BLVD

Fair Grove, MO 65448

*U.S. # 727*

AS IV Serial no: 111768  
Version no: 532B

TEST RECORD 00571

Temp	Date	Time	210L
Air Blank: 03/19/21 12:42 .000			
Calibration Check: 22 03/19/21 12:42 .100			

Subject Name  
**TEST 1**

Subject I.D.

AS IV Serial no: 111768  
Version no: 532B

TEST RECORD 00572

Temp	Date	Time	210L
Air Blank: 03/19/21 12:44 .000			
Calibration Check: 22 03/19/21 12:44 .099			

Subject Name  
**TEST 2**

Subject I.D.

AS IV Serial no: 111768  
Version no: 532B

TEST RECORD 00573

Temp	Date	Time	210L
Air Blank: 03/19/21 12:45 .000			
Calibration Check: 22 03/19/21 12:45 .099			

Subject Name  
**TEST 3**

Subject I.D.

AS IV Serial no: 111768  
Version no: 532B

TEST RECORD 00574

Temp	Date	Time	210L
VOID: RFI			
12 03/19/21 12:47			

Subject Name  
**RFI**

Subject I.D.

Operator Name, I.D.  
DU HEULEY # 727

Location  
815 ORCHARD BLVD

Fair Grove, MO 65448

*U.S. # 727*

Operator Name, I.D.  
DU HEULEY # 727

Location  
815 ORCHARD BLVD

Fair Grove, MO 65448

*U.S. # 727*

Operator Name, I.D.  
DU HEULEY # 727

Location  
815 ORCHARD BLVD

Fair Grove, MO 65448

*U.S. # 727*

Operator Name, I.D.  
DU HEULEY # 727

Location  
815 ORCHARD BLVD

Fair Grove, MO 65448

*U.S. # 727*

## 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:

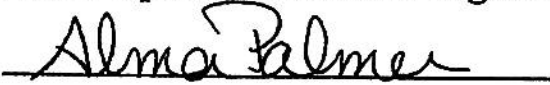
RepCo Marketing Co. prepared, tested and supplied Lot Number 19002 of Alcohol Certified Solution for simulators. This solution was manufactured and tested by RepCo Marketing Co., with confirmation by ISO 17025 and ISO 17034 accredited institution Alcohol Countermeasure Systems, using NIST standards. 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.

