



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 097462	NAME OF AGENCY Missouri State Highway Patrol	DATE OF INSPECTION 10/01/2020
LOCATION OF INSTRUMENT (STREET AND CITY) Zone 21 Office - Port of Kimberling Hotel - Kimberling City, Missouri		TIME OF INSPECTION 1335

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 # 19001 EXP. DATE 03/12/2021
- SIMULATOR TEMPERATURE (34°C ± 0.2°C) 34.00 C SIM. SN MP2307 SIM. NIST EXP DATE 01/07/2021
- 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 ← .100	TEST 2 ← .100	TEST 3 ← .100
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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	(0-.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).

Calibration performed

INSPECTING OFFICER

SIGNATURE 	PRINT NAME Ryan W. Clement
TYPE II PERMIT NUMBER/EXPIRATION DATE 200217 / 08/03/2022	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.

1st check

AS IV Serial no: 097462
Version no: 532B

TEST RECORD 00433

Temp Date Time 210L ^{s/}

Air Blank:
10/01/20 13:58 .000
Calibration Check:
26 10/01/20 13:58 .095

Subject Name
R.W. Clement

Subject I.D.
489

Operator Name, I.D.
R. Clement

Location
Zone 21 office

AS IV Serial no: 097462
Version no: 532B

TEST RECORD 00434

Temp Date Time 210L ^{s/}

Air Blank:
10/01/20 14:08 .000
Calibration:
27 10/01/20 14:08 .100

Subject Name
R.W. Clement

Subject I.D.
489

Operator Name, I.D.
Zone 21 office

Location
R. Clement

AS IV Serial no: 097462
Version no: 532B

TEST RECORD 00435

Temp Date Time 210L ^{s/}

Air Blank:
10/01/20 14:16 .000
Calibration Check:
27 10/01/20 14:16 .100

Subject Name
R.W. Clement

Subject I.D.
489

Operator Name, I.D.
Zone 21 office

Location
R. Clement

AS IV Serial no: 097462
Version no: 532B

TEST RECORD 00436

Temp Date Time 210L ^{s/}

Air Blank:
10/01/20 14:18 .000
Calibration Check:
28 10/01/20 14:18 .100

Subject Name
R.W. Clement

Subject I.D.
489

Operator Name, I.D.
R. Clement

Location
Zone 21 office

AS IV Serial no: 097462
Version no: 532B

TEST RECORD 00437

Temp Date Time 210L ^{s/}

Air Blank:
10/01/20 14:20 .000
Calibration Check:
28 10/01/20 14:20 .100

Subject Name
R.W. Clement

Subject I.D.
489

Operator Name, I.D.
R. Clement

Location
Zone 21 office

AS IV Serial no: 097462
Version no: 532B

TEST RECORD 00438

Temp Date Time 210L ^{s/}

VOID: RFI
12 10/01/20 14:28

Subject Name
R.W. Clement

Subject I.D.
489

Operator Name, I.D.
R. Clement

Location
Zone 21 office

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:

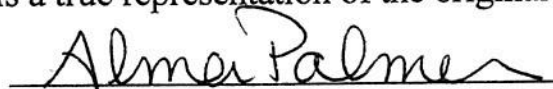
RepCo Marketing Co. prepared, tested and supplied Lot Number 19001 of Alcohol Certified Solution for simulators. This solution was manufactured and tested by RepCo Marketing Co., with confirmation by accredited institution, Data Resources Inc., using NIST standards. Random samples were analyzed by Data 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.



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



PERMIT
TYPE II
RYAN W. CLEMENT

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

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 8/3/2020

NUMBER 200217

EXPIRES 8/3/2022

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 CLEMENT, RYAN
Permit No 200217
Date Issued 8/3/2020 **Date Expires** 8/3/2022

