



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 108267	PRINTER SN 099.3586.810	DATE OF INSPECTION 01/28/2020
LOCATION OF INSTRUMENT (STREET AND CITY) Troop A, 504 SE Blue Parkway, Lee's Summit, Missouri 64063		TIME OF INSPECTION 5:05 am

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 SIMULATOR SN MP2206 SIMULATOR EXP DATE 01/30/2020

- 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 ← .101	TEST 2 ← .101	TEST 3 ← .101
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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).

Time adjusted three minutes forward

INSPECTING OFFICER

SIGNATURE <i>Cpl. A.A. Engelhart #249</i>	PRINT NAME Cpl. A.A. Engelhart
TYPE II PERMIT NUMBER/EXPIRATION DATE 280240 / 8/17/2020	TELEPHONE NUMBER (816) 622-0800

Return completed report to the: Breath Alcohol Program, MO Department of Health and Senior Services, Southeast District Office
 2875 James Boulevard
 Poplar Bluff, MO 63901

AS IV Serial no: 108267
Version no: 532B

TEST RECORD 00606

Temp Date Time ^{9/} 210L

Air Blank:
01/28/20 05:07 .000
Calibration Check:
20 01/28/20 05:07 .101

Subject Name

Maint Test 1

Subject I.D.

Operator Name, I.D.

Cpl. A.A. Engelhart 280240

Location

Troop A

AS IV Serial no: 108267
Version no: 532B

TEST RECORD 00607

Temp Date Time ^{9/} 210L

Air Blank:
01/28/20 05:09 .000
Calibration Check:
21 01/28/20 05:09 .101

Subject Name

Maint Test 2

Subject I.D.

Operator Name, I.D.

Cpl. A.A. Engelhart 280240

Location

Troop A

AS IV Serial no: 108267
Version no: 532B

TEST RECORD 00608

Temp Date Time ^{9/} 210L

Air Blank:
01/28/20 05:11 .000
Calibration Check:
21 01/28/20 05:11 .101

Subject Name

Maint Test 3

Subject I.D.

Operator Name, I.D.

Cpl. A.A. Engelhart 280240

Location

Troop A

AS IV Serial no: 108267
Version no: 532B

TEST RECORD 00609

Temp Date Time ^{9/} 210L

VOID: RFI
12 01/28/20 05:12

Subject Name

RFI Test

Subject I.D.

Operator Name, I.D.

Cpl. A.A. Engelhart 280240

Location

Troop A

RepCo

RepCo Marketing Co
3101-188 Stony Brook Drive
Raleigh, NC 27604
888-828-0227

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:

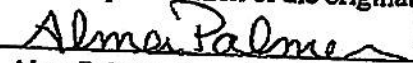
RepCo Marketing Co. prepared, tested and supplied Lot Number 19001 of Alcohol Certified Solution for simulators. This solution was manufactured and tested by RepCo Marketing Co., with confirmation by accredited institution, Data Resources Inc., using NIST standards. Random samples were analyzed by Data Resources Inc. utilizing a gas chromatograph and found to contain .1210 gms/dl $\pm .003$ 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 $\pm 3\%$ 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

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**PERMIT
TYPE II**

AARON A ENGELHART

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 8/17/2018

NUMBER 280240

EXPIRES 8/17/2020

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 **ENGELHART, AARON**
Permit No **280240**
Date Issued **8/17/2018** Date Expires **8/17/2020**