

**RECEIVED**

By Tracy Crews at 8:47 am, Dec 29, 2020



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 102458 Printer 093.3578.252	NAME OF AGENCY Brookfield Police Dept.	DATE OF INSPECTION 12/29/2020
LOCATION OF INSTRUMENT (STREET AND CITY) 116 W. Brooks St. Brookfield, MO 64628		TIME OF INSPECTION 7:06 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

LOT # 19002

EXP. DATE 10/16/2021

SIMULATOR TEMPERATURE (34°C ± 0.2°C)

34.0

SIM. SN

SD2763

SIM. NIST EXP DATE 01/08/2021

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 → .098

TEST 3 → .098

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).

This Instrument meets Dept. of Health standards

**INSPECTING OFFICER**

SIGNATURE  
*[Signature]*

PRINT NAME  
Stuart Hughes

TYPE II PERMIT NUMBER/EXPIRATION DATE  
200188 06/15/2022

TELEPHONE NUMBER  
(660) 258-3385

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: 182458  
Version no: 532B

TEST RECORD 008801

Temp Date Time 218L

Air Blank: 12/29/20 07:06 .080  
Calibration Check: 21 12/29/20 07:06 .099

Subject Name  
S/M/12/17 #1  
Subject I.D.

Operator Name, I.D.  
M/12/17 200188  
Location  
BPD

AS IV Serial no: 182458  
Version no: 532B

TEST RECORD 008802

Temp Date Time 218L

Air Blank: 12/29/20 07:08 .080  
Calibration Check: 22 12/29/20 07:08 .098

Subject Name  
S/M/12/17 #2  
Subject I.D.

Operator Name, I.D.  
M/12/17 200188  
Location  
BPD

AS IV Serial no: 182458  
Version no: 532B

TEST RECORD 008803

Temp Date Time 218L

Air Blank: 12/29/20 07:10 .080  
Calibration Check: 23 12/29/20 07:10 .098

Subject Name  
S/M/12/17 #3  
Subject I.D.

Operator Name, I.D.  
M/12/17 200188  
Location  
BPD

AS IV Serial no: 182458  
Version no: 532B

TEST RECORD 008804

Temp Date Time 218L

VOID: RPI  
12 12/29/20 07:12

Subject Name  
RPI  
Subject I.D.

Operator Name, I.D.  
M/12/17 200188  
Location  
BPD

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: 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.



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



PERMIT  
TYPE II

STUART W HUGHES

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 6/15/2020

NUMBER 200188

EXPIRES 6/15/2022

*[Signature]*  
DIRECTOR OF STATE PUBLIC HEALTH LABORATORY

*[Signature]*  
DIRECTOR OF DEPARTMENT OF HEALTH AND SENIOR SERVICES

MO 565-9771 (0-11)

LAB-4 (10-10)

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 HUGHES, STUART  
Permit No 200188  
Date Issued 6/15/2020 Date Expires 6/15/2022

