

RECEIVED

001/005

By Tracy Crews at 11:54 am, Apr 26, 2021



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 093.3578.252	NAME OF AGENCY Brookfield Police Dept.	DATE OF INSPECTION 04/14/2021
LOCATION OF INSTRUMENT (STREET AND CITY) 116 W. Brooks St. Brookfield, MO 64628		TIME OF INSPECTION 4:03 pm

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 SIM. SN SD2763 SIM. NIST EXP DATE 01/07/2022

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 = .096

TEST 2 = .098

TEST 3 = .096

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) 1	(.05-.09)	(.10-.14)	(.15-.18) 1	(OVER .19) 1
----------	-----------	-----------	-----------	-------------	--------------

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

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: 102458
Version no: 532B

TEST RECORD 00831

Temp Date Time 210L 9/

Air Blank: 04/14/21 16:23 .000
Calibration Check: 25 04/14/21 16:23 .096

Subject Name Simulator
Subject I.D. _____

Operator Name, I.D. S. Hughes 200188
Location BPD

AS IV Serial no: 102458
Version no: 532B

TEST RECORD 00832

Temp Date Time 210L 9/

Air Blank: 04/14/21 16:25 .000
Calibration Check: 26 04/14/21 16:25 .096

Subject Name Simulator
Subject I.D. _____

Operator Name, I.D. S. Hughes 200188
Location BPD

AS IV Serial no: 102458
Version no: 532B

TEST RECORD 00833

Temp Date Time 210L 9/

Air Blank: 04/14/21 16:27 .000
Calibration Check: 26 04/14/21 16:27 .096

Subject Name Simulator
Subject I.D. _____

Operator Name, I.D. S. Hughes 200188
Location BPD

AS IV Serial no: 102458
Version no: 532B

TEST RECORD 00834

Temp Date Time 210L 9/

UBID: RFI
12 04/14/21 16:28

Subject Name Simulator
Subject I.D. _____

Operator Name, I.D. S. Hughes 200188
Location BPD



Missouri Department of Health and Senior Services
 P.O. Box 570, Jefferson City, MO 65102-0570 Phone: 573-751-8400 FAX: 573-751-6010
 RELAY MISSOURI for Hearing and Speech Impaired 1-800-735-2966 VOICE 1-800-735-2486
 Randall W. Williams, MD, FACOG
 Director

Michael L. Parson
 Governor

SIMULATOR CERTIFICATION REPORT

SIMULATOR INFORMATION

Simulator Serial Number: SD2763 Manufacturer: Guth
 Model Number: 10-4D
 Agency: BROOKFIELD PD
 Agency Address: 116 W BROOKS, BROOKFIELD, MO 64620

NIST THERMOMETER INFORMATION

Serial Number: 17KMM00690 Bias: 0.00
 Uncertainty: 0.02
 Date of Certification: 11/6/2020 Date of Expiration: 11/6/2021

ENVIRONMENTAL CONDITIONS

The environmental conditions during testing are within the tolerances of DHSS BAP method 3.

VERIFICATION RESULTS

<u>Simulator Average</u>	<u>NIST Average</u>	<u>Combined Uncertainty</u>
34.00	34.02	.04

The combined uncertainty is calculated with a $k=2$ value.

ADJUSTMENT RESULTS

No adjustment was needed.

Date of testing: 1/7/2021
 Certification Expiration: 1/7/2022
 Simulator testing technician: D. DEBOARD

Notes on Condition: none

Deviation(s) from method: none

DHSS BAP Scientist Approving: B. LUTMER
 Certification No: SD2763_172021

X

DHSS BAP Scientist Approving

RepCo Marketing Co.
3101-188 Stony Brook Lane
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

DIRECTOR OF STATE PUBLIC HEALTH LABORATORY

DIRECTOR OF DEPARTMENT OF HEALTH AND SENIOR SERVICES

LS24 (10-10)

MO 380 07/1 10 19

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 from expired air in Missouri.

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