

# MISSOURI DEPARTMENT OF HEALTH AND SENIOR SERVICES STATE PUBLIC HEALTH LABORATORY

**RECEIVED** 

By Tracy Crews at 3:48 pm, Jan 20, 2023

#### ALCO-SENSOR IV WITH PRINTER MAINTENANCE REPORT

REPORT #7

augus s						
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 ///	319	NAME OF AGENCY	+ P.D.	DATE OF	INSPECTION 18-2023	
We will Green St. Predmont Mo 63957				1.	NSPECTION 3.39	
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 SOLU	SIMULATOR SOLUTION COMPRESSED ETHANOL-GAS MIXTURE					
☑ STANDARD SUPPL	IER ACS	L	от# <u>2022/2В</u>	_ EXP. DATE <u>/2. C</u>	06.2024	
SIMULATOR TEMP	ERATURE (34°C ± 0.	2°C) <u>34°C</u> sii	м. sn <u>SD225</u> 7	SIM. NIST EXF	P DATE 12.13.2023	
<ul> <li>CALIBRATION CHECK – (ONLY ONE STANDARD IS TO BE USED PER MAINTENANCE REPORT)</li> <li>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)</li> <li>✓ 0.100% STANDARD - MUST READ BETWEEN 0.095% and 0.105% INCLUSIVE</li> <li>✓ 0.080% STANDARD - MUST READ BETWEEN 0.076% and 0.084% INCLUSIVE</li> <li>✓ 0.040% STANDARD - MUST READ BETWEEN 0.038% and 0.042% INCLUSIVE</li> </ul>						
TEST 1 - , 100	70	EST 2 - 100	90 т	EST3 . 101	90	
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	(004)	(.0509)	(.1014)	(.1519)	(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).  First maintenance to put into Service						
INSPECTING OFFICER				DINT NAME		
·P.O. Shaw fampbell #3284				Shaun Cam	pbell	
1220272 / 12.21.2024				573 -223 -4300		
Return completed report to the: Breath Alcohol Program, MO Department of Health and Senior Services, Southeast District Office by mail. fax. or email.						



Alcohol Countermeasure Systems Corp 60 International Boulevard Toronto, Ontario M9W 6J2 CANADA acs-corp.com

#### **Reference Material Certificate of Analysis**

Product identification:

Alcohol Reference Solution (ARS)

CRM:

Ethanol in aqueous solution

Reference concentration:

1.2100 g/L

Analytical concentration:

1.2128 g/L

Batch size:

2267 bottles

Lot number:

202212B

Date of production:

2022.12.06

(yyyy.mm.dd)

This certificate covers the production, analysis and certification of the Certified Reference Material (CRM) manufactured by Alcohol Countermeasure Systems Corp (ACS), located at 60 International Boulevard, Toronto, ON M9W 6J2 CANADA.

This metrology laboratory is accredited in accordance with international standards ISO/IEC 17025:2017 for competence of testing and calibration laboratories, and ISO/IEC 17034:2016 for the competence of reference material producers, demonstrating technical competence within the defined scope and the operation of a laboratory quality management system.

The analysis for certification of each lot of ARS is conducted within ACS forensic laboratory by an independent chemist using the direct injection, flame ionization gas chromatographic procedure coupled with the internal standard technique commensurate with forensic alcohol analysis.

This certificate is valid only for the ARS lot number identified above and does not extend to any other production lot of alcohol reference solution.

This certificate may only be reproduced in full.





For and on behalf of the company, ALCOHOL COUNTERMEASURE SYSTEMS CORP.

Felix JE Comeau, B.Sc (Honours) Laboratory Director



### STATE OF MISSOURI

DEPARTMENT OF HEALTH AND SENIOR SERVICES
BREATH ALCOHOL PROGRAM



# PERMIT TYPE II

## **SHAUN CAMPBELL**

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 sar	mple of expired air. Permit issued under the provisions of sections
577.020 through 577.041, RSMo and 306.111 through 306.119	RSMo.
· ·	Mike Massur
DATE12/21/2022	/ like / lasson
	DIRECTOR OF STATE PUBLIC HEALTH LABORATORY
NUMBER 220272	
EXPIRES 12/21/2024	Davla J. Nichelson
	DIRECTOR OF DEPARTMENT OF HEALTH AND SENIOR SERVICES

MO 580-0771 (6-10)

LAB-4 (R6-10)