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MISSOURI DEPARTMENT OF HEALTH AND SENIOR SERVICES STATE PUBLIC HEALTH LABORATORY ALCO-SENSOR IV WITH PRINTER MAINTENANCE REPORT

RECEIVED By Tracy Crews at 2:33 pm, May 24, 2023

REPORT #7

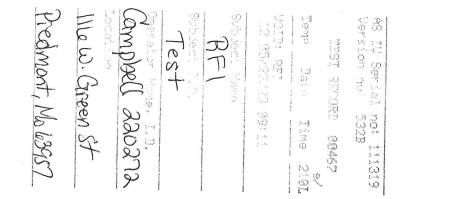
Complete this report in duplicate at the time of the regular monthly preventative maintenance check, and whenever instrument is repaired. Send copy to Department of Health and Senior Services; retain original in department file.				
ALCO SENSOR IV SN	NAME OF AGENCY Piedmont	P,D.	DATE OF INSPECTION	
CHECKLIST: Place a mark in the box by eac	h item if found to be satis	factory or if operating	within established limits. (Write in observed values	
where determined.) Unmarked items must b				
DIGITAL READOUT (ALL ELEMENTS O	OPERATIONAL)			
L TEMPERATURE OF ALCO SENSOR (1	10°C - 40°C)			
L TIME AND DATE DISPLAYING PROPE	RLY			
BREATH ALCOHOL ACCURACY STANDA	RDS			
$\Box \! \phi$ simulator solution			D ETHANOL-GAS MIXTURE	
ACS_	[OT # 2022 12 13	EXP. DATE 12-6-2024	
SIMULATOR TEMPERATURE (34°C ±	0.2°C) <u>34°C</u> si	M. SN <u>SD 2257</u>	SIM. NIST EXP DATE 12-13-23	
 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	90	TEST 3 ☞ , 099 %	
RFI DETECTOR OPERATING				
INDICATE THE NUMBER OF BREATH TES		IG RANGES SINCE	THE LAST MAINTENANCE REPORT:	
REFUSALS (004)	(.0509)	(.1014) -O	(.1519) - O (OVER .19) - O	
established limits (use other side if necessar		was made to restore	the instrument to operate satisfactorily and within	
	0.0			
, P.O. Sharfample	ell		Shaun Campbell	
AZCZ72 12-2024			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.				

AS IV Serial no: 111319 Version no: 532B TEST RECORD 00466 97 Temp Dave Time 210L an and a second se foreit ar in loans daat Air Blank: 85/23/23 09:09 .000 Subject Test: Man 23 85/22/23 09:09 .099 Subject Name Test Subject hree Deerator Mame, I.D. amphell ocation 220272 116 W. Green St

Piedmont No 63957

AS IV Serial no: 111319 Version no: 5328 TEST RECORD 00465 9/ Temp Date Time 210L ------Air Blank 05/23/23 09:08 .000 Subject Tost: Man 22 35/23/23 89:08 .100 Subject Name Test Subject I.T. Two Operator Name, I.D. ampbell 220272 Ille W. Green St Piedmont Mo 63957

AS IV Versic	Serial on no:	no: 11 532B	1319	
115	T RECO	RD 0 0 4	64 9⁄'	
Temp	Date	Time		
Subjec	ank: /23/23 t Test: /23/23	t Man		
Te	t Name ST		inin iningeneration of the United	
Subjec Oy	1. I. I. <u>1</u> e		anggangan ang salayan ang sa	
Operator Names I.D. Compbell 220272				
Locat i	on D- Gre	en S	╊	
Pied	mont	Mo 62	957	



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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.

mean

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

ACS FRM 0652 Ver 3.0



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 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 12/21/2022

NUMBER 220272

EXPIRES 12/21/2024

Daves I. Nichelson

DIRECTOR OF DEPARTMENT OF HEALTH AND SENIOR SERVICES

DIRECTOR OF STATE PUBLIC HEALTH LABORATORY

LAB-4 (R6-10)

MO 580-0771 (6-10)