



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 107985	PRINTER SN 099.3586.820	DATE OF INSPECTION 06/21/2023
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LOCATION OF INSTRUMENT (STREET AND CITY) 715 W Center Circle, Nixa MO	TIME OF INSPECTION 2:04 am
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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 ACS LOT # 202205A EXP. DATE 05/17/2024
- SIMULATOR TEMPERATURE (34°C ± 0.2°C) 34 SIMULATOR SN MP5537 SIMULATOR EXP DATE 07/11/2023

- 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 .103	TEST 3 .102
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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-.04)	(.05-.09)	(.10-.14)	(.15-.19)	(OVER .19)
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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).
 Meets and exceeds standards.

This instrument is assigned to the Sparta, Missouri Police Department. The Maintenance was completed by the Nixa, Missouri Police Department.

INSPECTING OFFICER

SIGNATURE 	PRINT NAME Sgt R Seiner - Nixa PD
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TYPE II PERMIT NUMBER/EXPIRATION DATE 220217 09/02/2024	TELEPHONE NUMBER (417) 725-2510
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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

Nixa Police Department

Calibration Check slip's

AS IV Serial no: 107987			
Version no: 532B			
TEST RECORD 01978			
Temp	Date	Time	s/ 210L

Air Blank:			
	06/21/23	02:04	.000
Calibration Check:			
	22 06/21/23	02:04	.101

Subject Name			
TEST 1			

Subject I.D.			

Operator Name: I.D.			
RSEINER 220217			

Location			
NIXA PD			

AS IV Serial no: 107987			
Version no: 532B			
TEST RECORD 01979			
Temp	Date	Time	s/ 210L

Air Blank:			
	06/21/23	02:06	.000
Calibration Check:			
	22 06/21/23	02:06	.103

Subject Name			
TEST 2			

Subject I.D.			

Operator Name: I.D.			
RSEINER 220217			

Location			
NIXA PD			

AS IV Serial no: 107987			
Version no: 532B			
TEST RECORD 01980			
Temp	Date	Time	s/ 210L

Air Blank:			
	06/21/23	02:07	.000
Calibration Check:			
	23 06/21/23	02:07	.102

Subject Name			
TEST 3			

Subject I.D.			

Operator Name: I.D.			
RSEINER 220217			

Location			
NIXA PD			

Nixa Police Department

Blank (Zero) test Evidence slip

AS IV Serial no: 107987			
Version no: 532B			
TEST RECORD 01981			
Temp	Date	Time	210L

Air Blank:			
	06/21/23	02:09	.000
Subject Test: Auto			
	25 06/21/23	02:09	.000

Subject Name			
BLANK TEST			

Subject I.D.			

Operator Name, I.D.			
RSEINER 22027			

Location			
NIXA PD			

Nixa Police Department

RFI Evidence slip

AS IV Serial no: 107987	
Version no: 532B	
TEST RECORD 01982	
Temp	Date Time 210L ^{a/}
VOID: RFI	
12 06/21/23 02:10	
Subject Name	
RFI TEST	
Subject I.D.	
Operator Name, I.D.	
RSEINER	220217
Location	
NIXA PD	

Reference Material Certificate of Analysis

Product Identification:	Alcohol Reference Solution (ARS)
CRM:	Ethanol in aqueous solution
Reference concentration:	1.2100 g/L
Analytical concentration:	1.2153 g/L
Batch size:	2291 bottles
Lot number:	202205A
Date of production:	2022.05.17 (yyyy.mm.dd)

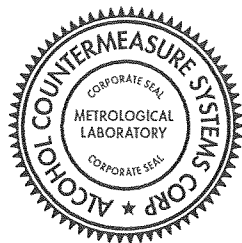
This certificate covers the production, analysis and certification of the Certified Reference Material (CRM) manufactured by Alcohol Countermeasure Systems Corp (ACS), located at 60 International Boulevard, Toronto, ON M9W 6J2 CANADA.

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
ROBERT A. SEINER

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 9/2/2022

NUMBER 220217

EXPIRES 9/2/2024

Mike Mason

DIRECTOR OF STATE PUBLIC HEALTH LABORATORY

Paula J. Nickelson

DIRECTOR OF DEPARTMENT OF HEALTH AND SENIOR SERVICES

 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 SEINER, ROBERT
 Permit No 220217
 Date Issued 9/2/2022 Date Expires 9/2/2024

