



MISSOURI DEPARTMENT OF HEALTH AND SENIOR SERVICES
STATE PUBLIC HEALTH LABORATORY

RECEIVED

By Brianna Medrano at 8:58 am, Apr 28, 2023

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 04/22/2023
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LOCATION OF INSTRUMENT (STREET AND CITY) 715 W Center Circle, Nixa MO	TIME OF INSPECTION 10:09 pm
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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 ← 0.100

TEST 2 ← 0.100

TEST 3 ← 0.099

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
R. Seiner

PRINT NAME
Sgt R Seiner - Nixa PD

TYPE II PERMIT NUMBER/EXPIRATION DATE
220217 09/02/2024

TELEPHONE NUMBER
(417) 725-2510

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 01941

Temp Date Time 210L ^{s/}

Air Blank:
04/22/23 22:47 .000

Calibration Check:
28 04/22/23 22:47 .100

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 01939

Temp Date Time 210L ^{s/}

Air Blank:
04/22/23 22:44 .000

Calibration Check:
27 04/22/23 22:44 .099

Subject Name

TEST 2

Subject I.D.

Operator Name, I.D.
RSEINER 220217

Location

AS IV Serial no: 107987
Version no: 532B

TEST RECORD 01940

Temp Date Time 210L ^{s/}

Air Blank:
04/22/23 22:45 .000

Calibration Check:
27 04/22/23 22:45 .100

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 01943			
Temp	Date	Time	210L

Air Blank:			
	04/22/23	22:49	.000
Subject Test: Auto			
	28 04/22/23	22:49	.000

Subject Name			
BLANK TEST			

Subject I.D.			

Operator Name, I.D.			
RSEINER		220217	

Location			
NIXA PD			

Nixa Police Department

RFI Evidence slip

AS IV Serial no: 107987		
Version no: 532B		
TEST RECORD 01942		
Temp	Date	Time 210L ^{9/}
VOID: RFI		
12 04/22/23 22:47		
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:	<u>1.2100</u> g/L
Analytical concentration:	<u>1.2153</u> g/L
Batch size:	<u>2291</u> bottles
Lot number:	<u>202205A</u>
Date of production:	<u>2022.05.17</u> (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.

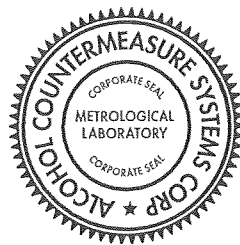
This metrology laboratory is accredited in accordance with international standards ISO/IEC 17025:2017 for competence of testing and calibration laboratories, and ISO/IEC 17034:2016 for the competence of reference material producers, demonstrating technical competence within the defined scope and the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

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

