



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

RECEIVED
 By Tracy Crews at 2:18 pm, Jun 28, 2024

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 111319	NAME OF AGENCY Piedmont P.D.	DATE OF INSPECTION 06-28-2024
LOCATION OF INSTRUMENT (STREET AND CITY) 116 W. Green St. Piedmont MO 63957		TIME OF INSPECTION 0705

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

<input checked="" type="checkbox"/> SIMULATOR SOLUTION	<input type="checkbox"/> COMPRESSED ETHANOL-GAS MIXTURE
<input checked="" type="checkbox"/> STANDARD SUPPLIER ACS	LOT # 202212B EXP. DATE 12-6-2024
<input checked="" type="checkbox"/> SIMULATOR TEMPERATURE (34°C ± 0.2°C) 34.0	SIM. SN SD 2257 SIM. NIST EXP DATE 1-29-2025

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 • .099	TEST 3 • .099
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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 1	(0-.04) 0	(.05-.09) 0	(.10-.14) 0	(.15-.19) 0	(OVER .19) 0
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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).

INSPECTING OFFICER

SIGNATURE P.O. Shawn Campbell	PRINT NAME Shawn Campbell
TYPE II PERMIT NUMBER/EXPIRATION DATE 220272 / 12-21-2024	TELEPHONE NUMBER 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.

AP 71 Serial no: 111319
Version no: 532B

TEST RECORD 00509

Date Time %
20/23/24 07:09 .000

Blank
20/23/24 07:11 .000
Blank Test: Auto
20/23/24 07:12 .000

Operator Name

Test

One

Operator Name, I.D.

Campbell 220272

116 W. Green

Piedmont Mo 63957

AP 71 Serial no: 111319
Version no: 532B

TEST RECORD 00510

Date Time %
20/23/24 07:11 .000

Blank
20/23/24 07:11 .000
Blank Test: Auto
20/23/24 07:12 .000

Operator Name

Test

Two

Operator Name, I.D.

Campbell 220272

116 W. Green

Piedmont Mo 63957

AP 71 Serial no: 111319
Version no: 532B

TEST RECORD 00511

Date Time %
20/24 07:12 .000

Blank
20/24 07:12 .000
Blank Test: Man
20/24 07:12 .000

Operator Name

Test

three

Operator Name, I.D.

Campbell 220272

116 W. Green

Piedmont Mo 63957

AP 71 Serial no: 111319
Version no: 532B

TEST RECORD 00513

Date Time %

20/23/24 07:15

RFI

TEST

Campbell 220272

116 W. Green

Piedmont Mo 63957

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>1.2128</u> g/L
Batch size:	<u>2267</u> bottles
Lot number:	<u>202212B</u>
Date of production:	<u>2022.12.06</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.

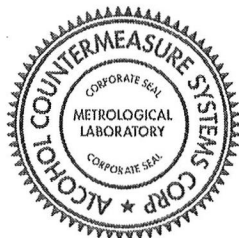
This metrology laboratory is accredited in accordance with international standards ISO/IEC 17025:2017 for competence of testing and calibration laboratories, and ISO/IEC 17034:2016 for the competence of reference material producers, demonstrating technical competence within the defined scope and the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

Mike Massum

DIRECTOR OF STATE PUBLIC HEALTH LABORATORY

David J. Nickelson

DIRECTOR OF DEPARTMENT OF HEALTH AND SENIOR SERVICES