



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 111319	NAME OF AGENCY Piedmont P.D.	DATE OF INSPECTION 05-23-2023
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LOCATION OF INSTRUMENT (STREET AND CITY) 116 W. Green St Piedmont MO 63957	TIME OF INSPECTION 0906
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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 # **20221213** EXP. DATE **12-6-2024**

SIMULATOR TEMPERATURE (34°C ± 0.2°C) **34°C** SIM. SN **SD2257** 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%	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 0	(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 S.O. Shaw Campbell	PRINT NAME Shawn Campbell
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TYPE II PERMIT NUMBER/EXPIRATION DATE 220272 / 12-21-2024	TELEPHONE NUMBER 573-223-4300
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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

Temp Date Time 210L

Air Blank:
05/23/23 09:09 .000
Subject Test: Man
23 05/23/23 09:09 .099

Subject Name

Test

Subject I.D.

Three

Operator Name, I.D.

Campbell 220272

Location

116 W. Green St

Piedmont Mo 63957

AS IV Serial no: 111319
Version no: 532B

TEST RECORD 00465

Temp Date Time 210L

Air Blank:
05/23/23 09:08 .000
Subject Test: Man
22 05/23/23 09:08 .100

Subject Name

Test

Subject I.D.

Two

Operator Name, I.D.

Campbell 220272

Location

116 W. Green St

Piedmont Mo 63957

AS IV Serial no: 111319
Version no: 532B

TEST RECORD 00464

Temp Date Time 210L

Air Blank:
05/23/23 09:06 .000
Subject Test: Man
21 05/23/23 09:06 .100

Subject Name

Test

Subject I.D.

One

Operator Name, I.D.

Campbell 220272

Location

116 W. Green St

Piedmont Mo 63957

AS IV Serial no: 111319
Version no: 532B

TEST RECORD 00467

Temp Date Time 210L

VOID: RFI

12 05/20/23 09:11

Subject Name

RFI

Subject I.D.

Test

Operator Name, I.D.

Campbell 220272

Location

116 W. Green St

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

2

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 Maxam

DIRECTOR OF STATE PUBLIC HEALTH LABORATORY

Paula J. Nickelson

DIRECTOR OF DEPARTMENT OF HEALTH AND SENIOR SERVICES