



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

RECEIVED
 By Tracy Crews at 7:10 am, May 04, 2022

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 102457	NAME OF AGENCY Columbia Police Department	DATE OF INSPECTION 04/28/2022
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LOCATION OF INSTRUMENT (STREET AND CITY) 600 E Walnut St., Columbia	TIME OF INSPECTION 8:46 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

<input type="checkbox"/> SIMULATOR SOLUTION	<input checked="" type="checkbox"/> COMPRESSED ETHANOL-GAS MIXTURE
<input checked="" type="checkbox"/> STANDARD SUPPLIER <u>INTOXIMETERS</u>	LOT # <u>AG020401</u> EXP. DATE <u>07/22/2022</u>
<input type="checkbox"/> SIMULATOR TEMPERATURE (34°C ± 0.2°C)	SIM. SN _____ SIM. NIST EXP DATE _____

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

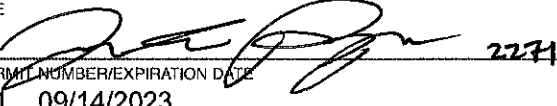
TEST 1 ➡ .102	TEST 2 ➡ .102	TEST 3 ➡ .102
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RFI DETECTOR OPERATING

INDICATE THE NUMBER OF BREATH TESTS IN THE FOLLOWING RANGES SINCE THE LAST MAINTENANCE REPORT: (DO NOT INCLUDE SELF-ADMINISTERED TESTS)

REFUSALS	2	(0-.04)	(.05-.09)	(.10-.14)	(.15-.19)	1	(OVER .19)	1
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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).
DONE PER DHSS RULES AND REGULATIONS

INSPECTING OFFICER	
SIGNATURE 	PRINT NAME JORDAN PAYNE
TYPE II PERMIT NUMBER/EXPIRATION DATE 210211 09/14/2023	TELEPHONE NUMBER (573) 874-7652

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: 102457
Version no: 532B

TEST RECORD 00961
Temp Date Time 210L %/

Air Blank: 04/28/22 20:46 .000
Calibration Check: 21 24/28/22 20:45 .102

Subject Name
Test
Subject I.D.

Operator Name, I.D.
Jordan Payne 2271
Inclusion

AS IV Serial no: 102457
Version no: 532B

TEST RECORD 00962
Temp Date Time 210L %/

Air Blank: 04/28/22 20:48 .000
Calibration Check: 21 24/28/22 20:48 .102

Subject Name
Test
Subject I.D.

Operator Name, I.D.
Jordan Payne 2271
Inclusion

AS IV Serial no: 102457
Version no: 532B

TEST RECORD 00963
Temp Date Time 210L %/

Air Blank: 04/28/22 20:50 .000
Calibration Check: 21 24/28/22 20:50 .102

Subject Name
Test
Subject I.D.

Operator Name, I.D.
Jordan Payne 2271
Inclusion

AS IV Serial no: 102457
Version no: 532B

TEST RECORD 00964
Temp Date Time 210L %/

Air Blank: 04/28/22 20:51
Calibration Check: 21 24/28/22 20:51

Subject Name
Test
Subject I.D.

Operator Name, I.D.
Jordan Payne 2271
Inclusion

AS IV Serial no: 102457
Version no: 532B

TEST RECORD 00965
Temp Date Time 210L %/

Air Blank: 04/28/22 20:53 .000
Calibration Check: 21 24/28/22 20:53 .000

Subject Name
Self Test
Subject I.D.
Jordan Payne 2271
Operator Name, I.D.

Inclusion



Airgas USA L.L.C. (A.A.)
 8100 Danford Street
 St. Louis, Mo. 63105
 PH: (314) 883-3100
 FAX: (314) 883-7300

Certificate of Analysis

Customer Name
Exclusive Supplier
 Interometers, Inc.
 2081 Craig Road
 St. Louis, Mo 63144

Test Date 28-Jul-2020

Lot # AG020401 **Model#** 108cmcd

Exp. Date
 22-Jul-2022

Std. Time
 108

Component
 Ethanol
 Nitrogen

Certified Concentration
 0.100 ± 2% RAO (872 ppm)
 Balance

Certification Traceable to N.I.S.T. RM and to CRM Ethanol Standards

RM Serial No.	Concentration	RM Serial No.	Concentration
RM0010857	382.1 ppm	RM0010803	389.0 ppm
RM00108570	259.9 ppm	RM0010859	287.8 ppm
RM0010236	200.0 ppm	RM0010806	208.3 ppm
RM0010561	103.8 ppm	RM0010812	144.8 ppm
RM0010091	62.12 ppm	RM0010879	62.01 ppm
CRM Serial No.	Concentration	CRM Serial No.	Concentration
CRM13408	600.0 ppm	CRM0001	390.1 ppm
CRM24003	253.0 ppm	CRM0002	180.2 ppm

Analytical Method NDIR

Notably reported by Charles C. Clegg
 (1916-2007) as "100% Ethanol"
 and with the (unclear) concentration of analysis
 Location: Airgas USA L.L.C. (A.A.)

Approved for Release:

Paul Marzetta
 Paul Marzetta

ISO 17025:2005 A2LA accredited. Certificate Number 2082.06
 ISO 17034:2010 A2LA accredited. Certificate Number 2082.07



STATE OF MISSOURI
DEPARTMENT OF HEALTH AND SENIOR SERVICES
BREATH ALCOHOL PROGRAM

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PERMIT
TYPE II
JORDAN PAYNE

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, INTOX DMT

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 9/14/2021

Laura P. Way

DIRECTOR OF BREATH PUBLIC HEALTH LABORATORY

NUMBER 210211

EXPIRES 9/14/2023

Thomas A. Krumm

DIRECTOR OF DEPARTMENT OF HEALTH AND SENIOR SERVICES

MO 80-0771 (8-10)

LAD-1 (10-10)

STATE OF MISSOURI
DEPARTMENT OF HEALTH AND SENIOR SERVICES
BREATH ALCOHOL PROGRAM

INSTRUMENT OPERATOR CARD

The permit certificate is valid only to operate an alcohol breathalyzer instrument for the determination of the alcoholic content of expired air of a person.

Operator: **PAYNE, JORDAN**
Permit No: **210211**
State Issued **9/14/2021** Date Expires **9/14/2023**

