



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 108264	NAME OF AGENCY Buckner PD	DATE OF INSPECTION 10/23/2021
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LOCATION OF INSTRUMENT (STREET AND CITY) 315 S. Hudson St. Buckner, Mo 64016	TIME OF INSPECTION 12:04 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 Intoxometers LOT # AG031402 EXP. DATE 07/09/2022

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 \blacktriangleright .099	TEST 2 \blacktriangleright .099	TEST 3 \blacktriangleright .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)	2	(.10-.14)	1	(.15-.19)	0	(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).

INSPECTING OFFICER

SIGNATURE ▶	PRINT NAME R. Kendall #316
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TYPE II PERMIT NUMBER/EXPIRATION DATE 200199	TELEPHONE NUMBER (816) 650-3939
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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: 188264
Version no: 532B

TEST RECORD 00585

Temp	Date	Time	u/ 210L
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Air Blank:	10/23/21	00:57	.000	
Calibration Check:	21	10/23/21	00:57	.000

Subject Name

TEST 1

Subject I.D.

Operator Name, I.D.

KENDALL 200199

Location

315 S. Hudson

BPD

AS IV Serial no: 188264
Version no: 532B

TEST RECORD 00586

Temp	Date	Time	u/ 210L
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Air Blank:	10/23/21	00:58	.000	
Calibration Check:	21	10/23/21	00:58	.000

Subject Name

TEST 2

Subject I.D.

Operator Name, I.D.

KENDALL 200199

Location

315 S. Hudson

BPD

AS IV Serial no: 188264
Version no: 532B

TEST RECORD 00587

Temp	Date	Time	u/ 210L
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Air Blank:	10/23/21	01:01	.000	
Calibration Check:	21	10/23/21	01:01	.000

Subject Name

TEST 3

Subject I.D.

Operator Name, I.D.

KENDALL 200199

Location

315 S. Hudson

BPD

Airgas

Airgas USA LLC (LAW)
2500 Bernard Street
St. Louis, Mo, 63104
Ph: (314) 683-0103
Fax: (314) 683-7528

Certificate of Analysis

Customer Name
Exclusive Supplier
Incochem, Inc.
2081 Craig Road
St. Louis, Mo 63148

Test Date: 10-Nov-2020

Lot# AG031402 Model 34cads

Exp. Date
9-Jan-2022

GA Type
34

Component
Ethanol
Nitrogen

Certified Concentration
0.100 ± 2% EtAC (272 ppm)
Balance

Certification Traceable to NIST, CRM and to CRM Ethanol Standards:

<u>CRM Serial No.</u>	<u>Concentration</u>	<u>CRM Serial No.</u>	<u>Concentration</u>
EB0010581	382.1 ppm	EB0010585	393.0 ppm
EB0010570	259.8 ppm	EB0010589	288.2 ppm
EB0010285	203.8 ppm	EB0010595	208.3 ppm
EB0010561	108.5 ppm	EB0010562	104.2 ppm
EB0010581	42.12 ppm	EB0010579	32.81 ppm

<u>CRM Serial No.</u>	<u>Concentration</u>	<u>CRM Serial No.</u>	<u>Concentration</u>
CC727481	800.0 ppm	CC727493	390.0 ppm
CC727498	259.0 ppm	CC727488	180.0 ppm

Analytical Method: NDIR

Attestation by Quality Control
Date: 2020-11-10 10:40:47 -0800
Reason: Dry gas standard certification of analyte
Location: Airgas USA LLC (LAW)

Approved for Release: _____

Rod Marsala
Rod Marsala

ISO 17025:2005 A2LA accredited. Certificate Number 3082.06
ISO 17034:2016 A2LA accredited. Certificate Number 3082.07



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

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**PERMIT
TYPE II**

RICHARD L. KENDALL

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 7/8/2020

NUMBER 200199

EXPIRES 7/8/2022

DIRECTOR OF STATE PUBLIC HEALTH LABORATORY

DIRECTOR OF DEPARTMENT OF HEALTH AND SENIOR SERVICES

MO 580-0771 (5-10)

LAB-4 (PS-10)

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 **KENDALL, RICHARD**
Permit No **200199**
Date Issued **7/8/2020** Date Expires **7/8/2022**