



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 09/11/2021
LOCATION OF INSTRUMENT (STREET AND CITY) 315 S. Hudson St. Buckner, Mo 64016		TIME OF INSPECTION 12:04 am

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 .098

TEST 2 .099

TEST 3 .098

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)	1	(.05-.09)	0	(.10-.14)	0	(.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
TYPE II PERMIT NUMBER/EXPIRATION DATE 200199	TELEPHONE NUMBER (816) 650-3939

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: 100264
Version no: 532B

TEST RECORD 00573
Temp Date Time 210L

TEST RECORD 00574
Temp Date Time 210L

TEST RECORD 00572
Temp Date Time 210L

Air Blank:
09/11/21 10:54 .000
Calibration Check:
20 09/11/21 10:54 .000

Air Blank:
09/11/21 10:55 .000
Calibration Check:
20 09/11/21 10:55 .000

Air Blank:
09/11/21 10:52 .000
Calibration Check:
20 09/11/21 10:52 .000

Subject Name
TEST 2
Subject I.D.

Subject Name
TEST 3
Subject I.D.

Subject Name
TEST 1
Subject I.D.

Operator Name, I.D.
KENDALL 200199
Location

Operator Name, I.D.
KENDALL 200199
Location

Operator Name, I.D.
KENDALL 200199
Location

315 S. Hudson
Buckman, mo

315 S Hudson
Buckman, mo

315 S. Hudson
Buckman mo

TEST RECORD 00575
Temp Date Time 210L

VOID: REF
20 09/11/21 10:55

Subject Name
REF
Subject I.D.

Operator Name, I.D.
KENDALL 200199
Location

315 S Hudson
Buckman, mo

Airgas

Airgas USA LLC (LAB)
2800 Bannock Street
St. Louis, Mo, 63104
Ph: (314) 883-3100
Fax: (314) 883-7228

Certificate of Analysis

Customer Name
Exclusive Supplier
Incochems, Inc.
2081 Craig Road
St. Louis, Mo 63146

Test Date: 10-Nov-2020

Lot # AG031402 Model 34cacc

Exp. Date
6-Jul-2022

Cyl. Type
34

Component
Ethanol
Nitrogen

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

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

<u>CRM Serial No.</u>	<u>Concentration</u>	<u>CRM Serial No.</u>	<u>Concentration</u>
EB0016881	282.1 ppm	EB0016695	393.0 ppm
EB0018870	259.8 ppm	EB0016559	258.2 ppm
EB0010285	202.0 ppm	EB0016995	268.3 ppm
EB0010561	103.5 ppm	EB0010562	704.2 ppm
EB0010681	52.12 ppm	EB0010579	52.81 ppm

<u>CRM Serial No.</u>	<u>Concentration</u>
CG727491	800.0 ppm
CG727496	253.0 ppm

<u>CRM Serial No.</u>	<u>Concentration</u>
CG727495	390.0 ppm
CG727498	150.0 ppm

Analytical Method: NDIR

Digitally signed by Quality Control
Date: 2020.11.10 14:50:41 -0500
Reason: I'm the standard certifier of analysis
Location: Airgas USA LLC (lab)

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

DIRECTOR OF STATE PUBLIC HEALTH LABORATORY

NUMBER 200199

EXPIRES 7/8/2022

DIRECTOR OF DEPARTMENT OF HEALTH AND SENIOR SERVICES

MD 580-0771 (5-10)

LAB-4 (16-10)

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**