



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 111655	PRINTER SN 09B.3589.464	DATE OF INSPECTION 06/16/2024
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LOCATION OF INSTRUMENT (STREET AND CITY) 115 E. 69 Highway, Claycomo, MO 64119	TIME OF INSPECTION 8:35 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
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<input checked="" type="checkbox"/> STANDARD SUPPLIER <u>Intoximeters</u>	LOT # <u>AG309501</u>	EXP. DATE <u>04/05/2025</u>
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<input type="checkbox"/> SIMULATOR TEMPERATURE (34°C ± 0.2°C)	SIMULATOR SN	SIMULATOR EXP DATE
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- 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 <u>.099</u>	TEST 2 <u>.099</u>	TEST 3 <u>.099</u>
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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)	1	(.15-.19)	1	(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).

Instrument operating within MO DOHSS standards and guidelines.

INSPECTING OFFICER

SIGNATURE <i>LT Jeffrey Kirk #104</i>	PRINT NAME LT. Jeffrey Kirk # 104
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TYPE II PERMIT NUMBER/EXPIRATION DATE 220076 03/09/2024	TELEPHONE NUMBER (816) 452-4613
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Return completed report to the: Breath Alcohol Program, MO Department of Health and Senior Services, Southeast District Office
2875 James Boulevard
Poplar Bluff, MO 63901

AS IV Serial no: 111655
Version no: 532B

TEST RECORD 01260

Temp Date Time 210L

Air Blank:
06/16/24 20:11 .000
Calibration Check:
19 06/16/24 20:11 .099

Subject Name

Subject I.D.

Operator Name, I.D. 240065

LT. Jeffrey Kirk #104
Location Claycomo PD
115 E US 69 Hwy
Claycomo, mo 64119

AS IV Serial no: 111655
Version no: 532B

TEST RECORD - REPRINT

TEST RECORD 01261

Temp Date Time 210L

Air Blank:
06/16/24 20:12 .000
Calibration Check:
20 06/16/24 20:12 .099

Subject Name

Subject I.D.

Operator Name, I.D. 240065

LT. Jeffrey Kirk #104
Location Claycomo PD
115 E US 69 Hwy
Claycomo, mo 64119

AS IV Serial no: 111655
Version no: 532B

TEST RECORD 01262

Temp Date Time 210L

Air Blank:
06/16/24 20:15 .000
Calibration Check:
21 06/16/24 20:15 .099

Subject Name

Subject I.D.

Operator Name, I.D. 240065

LT. Jeffrey Kirk #104
Location Claycomo PD
115 E US 69 Hwy
Claycomo, mo 64119

AS IV Serial no: 111655
Version no: 532B

TEST RECORD 01263

Temp Date Time 210L

QCID: RFI
12 06/16/24 20:17

Subject Name

Subject I.D.

Operator Name, I.D. 240065

LT. Jeffrey Kirk #104
Location Claycomo PD
115 E US 69 Hwy
Claycomo, mo 64119



Airgas USA LLC (LAB)
3500 Bernard Street
St. Louis, Mo. 63103
Ph: (314) 533-3100
Fax: (314) 533-7328

Certificate of Analysis

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

Test Date: 5-Apr-2023

Lot # AG309501 Model 108

Exp Date 5-Apr-2025	Cyl. Type 108	Component Ethanol Nitrogen	Certified Concentration 0.100 ± 2% BrAC (272 ppm)
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Certification Traceable to N.I.S.T. RGM and to CRM Ethanol Standards:

RGM Serial No.	Concentration	RGM Serial No.	Concentration
EB0010581	391.8 ppm	EB0010603	392.5 ppm
EB0010570	259.8 ppm	EB0010559	258.9 ppm
EB0010285	209.0 ppm	EB0010562	104.2 ppm
EB0010561	103.7 ppm	EB0010579	52.94 ppm
EB0010681	52.22 ppm		

CRM Serial No.	Concentration	CRM Serial No.	Concentration
CC727481	800.0 ppm	CC727493	390.0 ppm
CC727496	253.0 ppm	CC727498	150.0 ppm

Analytical Method: NDIR

Digitally signed by: Quality Control
Reason: Dry gas standard certification of analysis
Location: Airgas USA LLC (Lab)
Date: 04.05.2023 17:34

Approved for Release:

Rod Marsala

ISO 17025:2017 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



PERMIT
TYPE II
JEFFREY KIRK

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 3/7/2024

NUMBER 240065

EXPIRES 3/7/2026

DIRECTOR OF STATE PUBLIC HEALTH LABORATORY

DIRECTOR OF DEPARTMENT OF HEALTH AND SENIOR SERVICES

LAB-4 (R6-10)

MO 580-0771 (6-10)

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 KIRK, JEFFREY
Permit No 240065
Date Issued 3/7/2024 Date Expires 3/7/2026