



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

RECEIVED
 By Tracy Crews at 8:21 am, Jan 22, 2021

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 097412	NAME OF AGENCY Kansas City MO PD	DATE OF INSPECTION 01/08/2021
LOCATION OF INSTRUMENT (STREET AND CITY) 9701 Marion Park Drive, Kansas City MO 64137		TIME OF INSPECTION 1945

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 Intoximeters LOT # AG905605 EXP. DATE 02/25/2021

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	0.081	TEST 2	0.080	TEST 3	0.080
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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-.04)	(.05-.09)	(.10-.14)	(.15-.19)	(OVER .19)
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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 **PO Davidson 5646**

TYPE II PERMIT NUMBER/EXPIRATION DATE **290087, 04/22/2021**

TELEPHONE NUMBER **() 816-234-5000**

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: 897412
Version no: 532B

TEST RECORD 88235

Temp Date Time 218L

Air Blank:
01/08/21 19:52 .883
Calibration Check:
23 01/08/21 19:58 .881

Test # 1

Operator Name: I.D.
Davidson S646
290087 04/22/2021

AS IV Serial no: 897412
Version no: 532B

TEST RECORD 88236

Temp Date Time 218L

Air Blank:
01/08/21 19:52 .888
Calibration Check:
23 01/08/21 19:58 .888

Test # 2

Operator Name: I.D.
Davidson S646
290087 04/22/2021

AS IV Serial no: 897412
Version no: 532B

TEST RECORD 88237

Temp Date Time 218L

Air Blank:
01/08/21 19:55 .882
Calibration Check:
23 01/08/21 19:58 .882

Subject Name
Test # 3
Subject I.D.

Operator Name: I.D.
Davidson S646
Location
290087 04/22/2021

AS IV Serial no: 897412
Version no: 532B

TEST RECORD 88239

Temp Date Time 218L

VOID: RFI
12 01/08/21 19:58

Subject Name
RFI Test
Subject I.D.

Operator Name: I.D.
Davidson S646
Location
290087 04/22/2021

MISSOURI DEPARTMENT OF HEALTH AND SENIOR SERVICES
**BLOOD ALCOHOL TEST REPORT - ALCO-SENSOR IV
 WITH PRINTER**

Case Number: _____

FORM #8

SUBJECT'S NAME		DATE OF TEST
OPERATIONAL CHECKLIST: ALCO-SENSOR IV WITH PRINTER		
ALCO-SENSOR SERIAL NO. 097412	LOCATION OF INSTRUMENT	
TIME OBSERVATION PERIOD STARTED	TIME OF TEST	

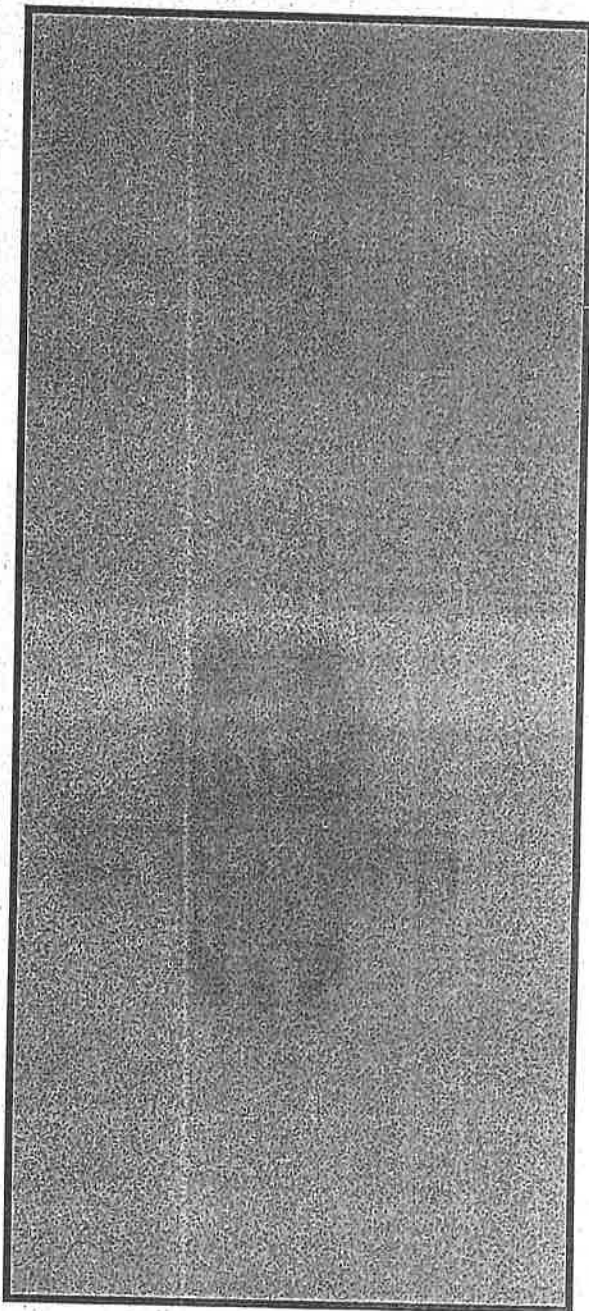
- 1. Examination of mouth conducted. If any substance is observed or indicated to be present, the substance observed or indicated must be removed prior to starting the 15 minute observation period.
- 2. Subject observed for at least 15 minutes by PO Davidson #5646
 No smoking, oral intake or vomiting during this time; if vomiting occurs, start over with 15 minute observation period.
- 3. Make sure printer is connected to Alco-Sensor IV.
- 4. Turn printer on.
- 5. Insert mouthpiece into Alco-Sensor IV.
- 6. Observe temperature display, make sure temperature reading is between 10°C and 40°C.
- 7. When "TEST" is displayed on Alco-Sensor IV, take subject breath sample.
- 8. When "SET" is displayed on Alco-Sensor IV, press SET button.
- 9. When printer has completed printing test result, tear off tape and fill in subject and officer information.
- 10. Press red button to eject mouthpiece.
- 11. Attach printout to this report.

CERTIFICATION BY OPERATOR	BAC
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As set forth in the rules promulgated by the Department of Health and Senior Services related to the determination of blood alcohol by breath analysis, I certify that:

- 1. There was no deviation from the procedure approved by the department.
- 2. To the best of my knowledge the instrument was functioning properly.
- 3. I am authorized to operate the instrument.

NAME OF OPERATOR PO Davidson #5646	PERMIT NO. 290087	EXPIRATION DATE 04/22/2021
NAME OF OBSERVER PO Davidson #5646	OBSERVER PERMIT NO. 290087	EXPIRATION DATE 04/22/2021
WITNESS (IF ANY)	DATE	





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

PERMIT
TYPE II

DOUGLAS DAVIDSON

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, INTOXILYZER 8000

The determination of the alcoholic content of blood from a sample of expired air. Permit issued under the provisions of sections 17.020 through 577.041, RSMo and 306.111 through 306.119 RSMo.

FE 4/22/2019

MBER 290087

PIRES 4/22/2021

3071 (6-10)

DIRECTOR OF STATE PUBLIC HEALTH LABORATORY

DIRECTOR OF DEPARTMENT OF HEALTH AND SENIOR SERVICES

LAB-98-10



Airgas

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

Test Date: 13-Apr-2020

Certificate of Analysis

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

Lot # AG010103 Model 108ccad

Exp. Date
10-Apr-2022

CYL Type
108

Component
Ethanol
Nitrogen

Certified Concentration
0.082 ± 0.002 BAC (223 ppm)
Balance

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

RGM Serial No.	Concentration	RGM Serial No.	Concentration
EB0010581	392.1 ppm	EB0010603	393.0 ppm
EB0010570	259.8 ppm	EB0010559	258.2 ppm
EB0010285	208.0 ppm	EB0010585	208.3 ppm
EB0010561	103.6 ppm	EB0010582	104.2 ppm
EB0010681	52.12 ppm	EB0010579	52.81 ppm
CRM Serial No.	Concentration	CRM Serial No.	Concentration
CC434668	800.0 ppm	0056649	390.1 ppm
CC234503	253.0 ppm	0056662	150.2 ppm

Analytical Method: NDIR

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

INSTRUMENT OPERATOR CARD

This card and cardholder is authorized to operate an individual breath alcohol instrument in Missouri. For the determination of the alcoholic content of breath from an expired air sample.

Operator: DAVIDSON, DOUGLAS
Permit No. 290087
Date Issued 4/22/2019 Date Expires 4/22/2021

Regularly updated by Quality Control
Revision: 04/18/2019 4:55:09
Revision: 04/18/2019 4:55:09
Location: Airgas USA LLC (Lab)

Approved for Release:

Rod Marsella

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