



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 087970 | PRINTER SN 08c.3527:187 | DATE OF INSPECTION 02/07/2020 |
| LOCATION OF INSTRUMENT (STREET AND CITY) 9701 Marion Park Dr. KCMO 64137 | | TIME OF INSPECTION 5:35 pm |

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) SIMULATOR SN SIMULATOR 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 0.082

TEST 2 0.080

TEST 3 0.081

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)

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 meets all DOHSS standards and guidelines.

INSPECTING OFFICER

SIGNATURE

PRINT NAME

Douglas 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
2875 James Boulevard
Poplar Bluff, MO 63901

AS IV Serial no: 087970
Version no: 532B

TEST RECORD 00247

Temp Date Time 210L

Air Blank:
02/07/20 17:53 .000
Calibration Check:
21 02/07/20 17:53 .082

Subject Name

Test 1

Subject I.D.

Operator Name, I.D.

Davidson 290087
Location

AS IV Serial no: 087970
Version no: 532B

TEST RECORD 00249

Temp Date Time 210L

Air Blank:
02/07/20 17:56 .000
Calibration Check:
23 02/07/20 17:56 .081

Subject Name

Test 3

Subject I.D.

Operator Name, I.D.

Davidson 290087
Location

AS IV Serial no: 087970
Version no: 532B

TEST RECORD 00248

Temp Date Time 210L

Air Blank:
02/07/20 17:55 .000
Calibration Check:
22 02/07/20 17:55 .000

Subject Name

Test 2

Subject I.D.

Operator Name, I.D.

Davidson 290087
Location

AS IV Serial no: 087970
Version no: 532B

TEST RECORD 00250

Temp Date Time 210L

VOID: RFI
12 02/07/20 17:58

Subject Name

RFI Test

Subject I.D.

Operator Name, I.D.

Davidson 290087
Location

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

FORM #8

| | |
|----------------|--------------|
| SUBJECT'S NAME | DATE OF TEST |
|----------------|--------------|

OPERATIONAL CHECKLIST: ALCO-SENSOR IV WITH PRINTER

| | | |
|---|---|------------------------|
| ALCO-SENSOR SERIAL NO. 087970 | PRINTER SERIAL NO. 08C.3527.187 | LOCATION OF INSTRUMENT |
|---|---|------------------------|

- 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 "BLNK" is displayed on Alco-Sensor IV, air blank is taken.
- 8. When "TEST" is displayed on Alco-Sensor IV, take subject breath sample.
- 9. When "SET" is displayed on Alco-Sensor IV, press SET button.
- 10. When printer has completed printing test result, tear off tape and fill in subject and officer information.
- 11. Press red button to eject mouthpiece.
- 12. Turn printer off.
- 13. Attach printout to this report.

| | |
|----------------------------------|-----|
| CERTIFICATION BY OPERATOR | BAC |
|----------------------------------|-----|

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.
- 4. No radio transmission occurred inside the room where and when this was being conducted.

| | | |
|-------------------------------------|-----------------------------|--------------------------------------|
| NAME OF OPERATOR Davidson | PERMIT NO. 290087 | EXPIRATION DATE 04/22/2021 |
| WITNESS (IF ANY) | | DATE |





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

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Airgas

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

**PERMIT
TYPE II**

DOUGLAS DAVIDSON

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, INTOXILYZER 8000

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 906.111 through 906.119 RSMo.

DATE 4/22/2019

NUMBER 290087

EXPIRES 4/22/2021

NO 99-0771 (6-10)

W. Davidson
DIRECTOR OF STATE PUBLIC HEALTH LABORATORY

[Signature]
DIRECTOR OF DEPARTMENT OF HEALTH AND SENIOR SERVICES
LAB-4 (98-10)

STATE OF MISSOURI
DEPARTMENT OF HEALTH AND SENIOR SERVICES
BREATH ALCOHOL PROGRAM
INSTRUMENT OPERATOR CARD

The owner/operator is authorized to operate the breath alcohol instrument for the determination of the alcoholic content of expired air in Missouri.

Operator: **DAVIDSON, DOUGLAS**
Permit No: **290087**
Date Issued: **4/22/2018**
Date Expires: **4/22/2021**

Certificate of Analysis

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

Lot # **AG905605 Model 108accd**

Exp. Date
25-Feb-2021

Cal. Type
108

Component
Ethanol
Nitrogen

Certified Concentration
0.082 ± 0.002 BVA/C (223 ppm)
Balance

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

| RGM Serial No. | Concentration | RGM Serial No. | Concentration |
|----------------|---------------|----------------|---------------|
| EB00105871 | 392.1 ppm | EB00106803 | 393.0 ppm |
| EB0010570 | 259.8 ppm | EB0010559 | 258.2 ppm |
| EB0010285 | 208.0 ppm | EB0010595 | 208.3 ppm |
| EB0010561 | 103.6 ppm | EB0010562 | 104.2 ppm |
| EB0010684 | 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 | 0056652 | 150.2 ppm |

Analytical Method: **NDIR**

Digitally signed by Quality Control
DN: cn=Quality Control, o=Airgas, ou=Airgas
Reason: BY past standard certification 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