



**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 105449	NAME OF AGENCY MANCHESTER	DATE OF INSPECTION 4-11-23
LOCATION OF INSTRUMENT (STREET AND CITY) 200 HIGHLANDS BLVD, MANCHESTER MO 63011		TIME OF INSPECTION 1955

**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 # AG202002 EXP. DATE 01/20/2024

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 • .099

TEST 2 • .100

TEST 3 • .100

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) 0 | (.15-.19) 0 | (OVER .19) 0

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 Randy Teelebsch
TYPE II PERMIT NUMBER/EXPIRATION DATE 330140 / 5-11-24	TELEPHONE NUMBER (636) 227-1410

**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: 185449  
Version no: 532D

TEST RECORD 00246

Temp Date Time 210L

Air Blank:  
04/11/23 19:55 .000  
Calibration Check:  
24 04/11/23 19:55 .099

Subject Name

Test 1

Subject I.D.

Operator Name, I.D.

Toelbush, 220140

Location

200 Highlands

200 Highlands  
Location

Toelbush, 220140  
Operator Name, I.D.

Subject I.D.

Subject Name  
RFI Test

12 04/11/23 20:00

VOID: RFI

Temp Date Time 210L

TEST RECORD 00249

AS IV Serial no: 185449  
Version no: 532B

AS IV Serial no: 185449  
Version no: 532B

TEST RECORD 00247

Temp Date Time 210L

Air Blank:  
04/11/23 19:56 .000  
Calibration Check:  
25 04/11/23 19:56 .100

Subject Name

Test 2

Subject I.D.

Operator Name, I.D.

Toelbush, 220140

Location

200 Highlands

200 Highlands  
Location

Toelbush, 220140  
Operator Name, I.D.

Subject I.D.

Subject Name  
Test 2

25 04/11/23 19:58 .100

Calibration Check:

04/11/23 19:58 .000

Air Blank:

Temp Date Time 210L

TEST RECORD 00248

AS IV Serial no: 185449  
Version no: 532B



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:** 24-Jan-2022

**Lot #** AG202002 **Model** 108

Exp Date	Cyl. Type	Component	Certified Concentration
20-Jan-2024	108	Ethanol Nitrogen	0.100 ± 2% BrAC (272 ppm)

**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	EB0010595	208.3 ppm
EB0010561	103.6 ppm	EB0010562	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

Digitally signed by:Quality Control  
Reason:Dry gas standard certification of analysis  
Location:Airgas USA LLC (Lab)  
Date:01.24.2022 14:25

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**  
**RANDY TOEDEBUSCH**

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, INTOX EC/IR II**

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 5/11/2022

NUMBER 220140

EXPIRES 5/11/2024

*Laura A. Nag*

DIRECTOR OF STATE PUBLIC HEALTH LABORATORY

*David J. Nielson*

DIRECTOR OF DEPARTMENT OF HEALTH AND SENIOR SERVICES

MO 580-0771 (6-10)

LAB-4 (R6-10)

**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** TOEDEBUSCH, RANDY  
**Permit No** 220140  
**Date Issued** 5/11/2022 **Date Expires** 5/11/2024

