



**RECEIVED**

By Stephen Wilson at 3:36 pm, May 05, 2020

**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 087965	PRINTER SN 03A.2436.039	DATE OF INSPECTION 05/05/2020
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LOCATION OF INSTRUMENT (STREET AND CITY) 2501 W. Mechanic, Harrisonville MO	TIME OF INSPECTION 3:15 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
<input checked="" type="checkbox"/> STANDARD SUPPLIER <u>Intoximeters</u>	LOT # <u>AG925509</u> EXP. DATE <u>05/12/2021</u>
<input type="checkbox"/> 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  .097	TEST 2  .095	TEST 3  .097
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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)	0	(.15-.19)	0	(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).

**INSPECTING OFFICER**

SIGNATURE 	PRINT NAME Gary M. Crow
TYPE II PERMIT NUMBER/EXPIRATION DATE 280175 05/07/2020	TELEPHONE NUMBER (816) 380-5200

**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: 087965  
Version no: 532B

TEST RECORD 00376

Temp Date Time <sup>a/</sup> 210L

Air Blank:  
05/05/20 15:25 .000  
Calibration Check:  
24 05/05/20 15:25 .097

Subject Name

Subject I.D.

Operator Name, I.D.

Location

AS IV Serial no: 087965  
Version no: 532B

TEST RECORD 00375

Temp Date Time <sup>a/</sup> 210L

Air Blank:  
05/05/20 15:22 .000  
Calibration Check:  
24 05/05/20 15:22 .095

Subject Name

Subject I.D.

Operator Name, I.D.

Location

TEST RECORD 00374

Temp Date Time <sup>a/</sup> 210L

Air Blank:  
05/05/20 15:18 .000  
Calibration Check:  
22 05/05/20 15:18 .097

Subject Name

Subject I.D.

Operator Name, I.D.

Location

AS IV Serial no: 087965  
Version no: 532B

TEST RECORD 00377

Temp Date Time <sup>a/</sup> 210L

VOID: NFI  
12 05/05/20 15:26

Subject Name

Subject I.D.

Operator Name, I.D.

Location

*[Handwritten signature]*  
280175



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:** 12-Sep-2019

**Lot #** AG925509 **Model** 34cadd

**Exp. Date**

12-May-2021

**Cyl. Type**

34

**Component**

Ethanol

Nitrogen

**Certified Concentration**

0.100 ± 2% BrAC (272 ppm)

Balance

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

<u>RGM Serial No.</u>	<u>Concentration</u>	<u>RGM Serial No.</u>	<u>Concentration</u>
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

  

<u>CRM Serial No.</u>	<u>Concentration</u>	<u>CRM Serial No.</u>	<u>Concentration</u>
CC434668	800.0 ppm	0056649	390.1 ppm
CC234503	253.0 ppm	0056662	150.2 ppm

**Analytical Method:**

NDIR

Approved for Release:

Rod Marsala

ISO 17025:2005 A2LA accredited. Certificate Number 3082.06

ISO 17034:2016 A2LA accredited. Certificate Number 3082.07