

From:

04/10/2016

**RECEIVED**

#853 P.001/004

By Carol Day at 12:36 pm, Apr 11, 2016



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 062088	PRINTER SN 096.3580.929	DATE OF INSPECTION 04/10/2016
LOCATION OF INSTRUMENT (STREET AND CITY) 7447 Dale Avenue, Richmond Heights		TIME OF INSPECTION 11:03 am

**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 # AG532002 EXP. DATE 07/16/2017

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 → .078

TEST 2 → .078

TEST 3 → .078

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  
Officer Richard A. Erwin

TYPE II PERMIT NUMBER/EXPIRATION DATE  
250020/01/20/2017

TELEPHONE NUMBER  
(314) 647-5656

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

From:

# Airgas®

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:** 17-Nov-2015

Lot # AG532002 Model 30cacd

<u>Exp. Date</u>	<u>Cyl. Type</u>	<u>Component</u>	<u>Certified Concentration</u>
16-Jul-2017	30	Ethanol Nitrogen	0.082 ± 0.002 BrAC (223 ppm) Balance

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

<u>Serial No.</u>	<u>Concentration</u>	<u>Serial No.</u>	<u>Concentration</u>
EB0010581	391.8 ppm	EB0010603	392.5 ppm
EB0010570	259.8 ppm	EB0010559	258.9 ppm
EB0010286	209.0 ppm	EB0010595	208.9 ppm
EB0010561	103.7 ppm	EB0010562	104.9 ppm
EB0010681	52.22 ppm	EB0010579	52.94 ppm

**Analytical Method:** NDIR

Digitally signed by Quality Control  
Date: 2016.11.17 15:25:55 -06:00  
Reason: Dry gas standard certification of analysis  
Location: Airgas USA LLC (Lab)

Analyst: \_\_\_\_\_

*Rod Marsala*

Rod Marsala

ISO 17025:2005 A2LA accredited. Certificate Number 2989.01

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From:

US 10 Serial no: 802488  
Version no: 5320

US 10 Serial no: 802488  
Version no: 5320

US 10 Serial no: 802488  
Version no: 5320

TEST RECORD: 802477

TEST RECORD: 802477

TEST RECORD: 802477

Temp Date Time 216L

Temp Date Time 216L

Temp Date Time 216L

Air Blanks  
04/10/16 11:00 .900  
Calibration Check  
20 04/10/16 11:00 .428

Air Blanks  
04/10/16 11:00 .900  
Calibration Check  
25 04/10/16 11:00 .428

Air Blanks  
04/10/16 11:00 .900  
Calibration Check  
20 04/10/16 11:00 .428

Subject Name

Subject Name

Subject Name

Joe Doe

Joe Doe

Joe Doe

Subject I.D.

Subject I.D.

Subject I.D.

12

12

12

Operator Name: J.D.

Operator Name: J.D.

Operator Name: J.D.

Erwin 167

Erwin 167

Erwin 167

Location

Location

Location

7447 Dale Ave

7447 Dale Ave

7447 Dale Ave

US 10 Serial no: 802488  
Version no: 5320

TEST RECORD: 802480

Temp Date Time 216L

04/10/16 11:18

Subject Name

Joe Doe

Subject I.D.

12

Operator Name: J.D.

Erwin 167

Location

7447 Dale Ave



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



**PERMIT  
TYPE II**

**RICHARD A ERWIN**

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 1/20/2015

NUMBER 250020

EXPIRES 1/20/2017

DIRECTOR OF STATE PUBLIC HEALTH LABORATORY

acting director

DIRECTOR OF DEPARTMENT OF HEALTH AND SENIOR SERVICES

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 ERWIN, RICHARD  
Permit No 250020  
Date Issued 1/20/2015 Date Expires 1/20/2017

RECORD  
GT. CLIAS  
16  
HOUR