RECEIVED
By Carol Day at 2:43 pm, Apr 19, 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	PRINTER SN	DATE OF INSPECTION
111336	099.3586.572	04/06/2016

LOCATION OF INSTRUMENT (STREET AND CITY)	TIME OF INSPECTION
101 Sheriff Dierker Court, O'Fallon MO 63366	5:38 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) PASSED
- ☑ TEMPERATURE OF ALCO SENSOR (10°C - 40°C) 26°C
- ☑ PRINTER WORKING PROPERLY PASSED
- ☑ TIME AND DATE DISPLAYING PROPERLY 04/06/2016 0538 HOURS

BREATH ALCOHOL ACCURACY STANDARDS

☐ SIMULATOR SOLUTION ☑ COMPRESSED ETHANOL-GAS MIXTURE

☑ STANDARD SUPPLIER Intoximeters, Inc. LOT # AG525303 EXP. DATE 09/10/2017

☐ 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 PASSED

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)
0	0	0	0	0	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
▸ Barnett 541	Officer Barnett 541
TYPE II PERMIT NUMBER/EXPIRATION DATE	**TELEPHONE NUMBER**
250182 - 08/18/2017	(636) 949-3000

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

AN EQUAL OPPORTUNITY/AFFIRMATIVE ACTION EMPLOYER
services provided on a nondiscriminatory basis

Airgas

Airgas USA LLC (LAB)
3600 Barnard Street
St. Louis, Mo. 63103
Ph: (314) 533-3100
Fax: (314) 533-7328

Certificate of Analysis

Test Date: 14-Sep-2015

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

Lot # AG525303 Model 108cacd

Exp. Date	Cyl. Type	Component	Certified Concentration
10-Sep-2017	108	Ethanol	0.060 ± 0.002 BrAC (216 ppm)
		Nitrogen	Balance

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

Serial No.	Concentration	Serial No.	Concentration
EB0010581	391.8 ppm	EB0010603	362.6 ppm
EB0010570	259.8 ppm	EB0010669	258.9 ppm
EB0010256	209.0 ppm	EB0010595	208.9 ppm
EB0010561	103.7 ppm	EB0010662	104.0 ppm
EB0010551	62.22 ppm	EB0010679	52.94 ppm

Analytical Method: NDIR

Digitally Signed by Quality Control
Date: 2015.09.14 14:00:00 -06'00'
Reason: Dry gas standard certification of analysis
Location: Airgas USA LLC (Lab)

Analyst: Rod Marsala

ISO 17025:2005 A2LA accredited. Certificate Number 2989.01

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

2

PERMIT
TYPE II
CHRIS BARNETT

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

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 8/18/2015

NUMBER 250182

EXPIRES 8/18/2017

DIRECTOR OF STATE PUBLIC HEALTH LABORATORY

DIRECTOR OF DEPARTMENT OF HEALTH AND SENIOR SERVICES

MO 580-0721 (8-93)

LAB-4 (10-13)

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

INSTRUMENT OPERATOR CARD

[illegible]

Operator BARNETT, CHRIS
Permit No 250182
Date Issued 8/18/2015 Date Expires 8/18/2017

AS IV Serial no: 111336
Version no: 532B

TEST RECORD 00049

Temp	Date	Time	g/210L
Air Blank:			
	04/06/16	05:38	.000
Calibration Check:			
26	04/06/16	05:38	.078

Subject Name

Subject I.D.

Operator Name, I.D.

Barnett 541

Location

101 Sheriff Dierker Ct.

O'Fallon, MO 63366

AS IV Serial no: 111336
Version no: 532B

TEST RECORD 00050

Temp	Date	Time	g/210L
Air Blank:			
	04/06/16	05:39	.000
Calibration Check:			
26	04/06/16	05:39	.078

Subject Name

Subject I.D.

Operator Name, I.D.

Barnett 541

Location

101 Sheriff Dierker Ct.

O'Fallon MO 63366

AS IV Serial no: 111336
Version no: 532B

TEST RECORD 00051

Temp	Date	Time	g/210L
Air Blank:			
	04/06/16	05:40	.000
Calibration Check:			
27	04/06/16	05:40	.078

Subject Name

Subject I.D.

Operator Name, I.D.

Barnett 541

Location

101 Sheriff Dierker Ct.

O'Fallon MO 63366

AS IV Serial no: 111336
Version no: 532B

TEST RECORD 00052

Temp	Date	Time	g/210L
VOID: RFI			
12	04/06/16	05:42	

Subject Name

Subject I.D.

Operator Name, I.D.

Barnett 541

Location

101 Sheriff Dierker Ct.

O'Fallon, MO 63366

ASIV: 111336 04/06/2016 05:38 Hours

Barnett 541 - 250182 - 08/18/2017