MISSOURI DEPARTMENT OF HEALTH AND SENIOR SERVICES
STATE PUBLIC HEALTH LABORATORY

RECEIVED
By Carol Day at 7:44 am, Aug 31, 2016

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
102470	0863419040	08/25/2016
LOCATION OF INSTRUMENT (STREET AND CITY)		TIME OF INSPECTION
10405 St. Charles Rock Road St. Ann		2:38 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 # AG620202 EXP. DATE 07/20/2018
- ☐ 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 ☛ .099	TEST 2 ☛ .099	TEST 3 ☛ .098

- ☑ 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)
2					

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).

Four tests performed. First test had a loose connection from dry gas tank to mouth piece and resulted in .089. After connection to mouth piece was tightened instrument performed to DOH standards.

INSPECTING OFFICER

SIGNATURE ▸	PRINT NAME
Patrick Martin 164	Patrick Martin 164
TYPE II PERMIT NUMBER/EXPIRATION DATE	TELEPHONE NUMBER
260250/06-27-2018	(314) 427-8000

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

STATE OF MISSOURI

DEPARTMENT OF HEALTH AND SENIOR SERVICES

BREATH ALCOHOL PROGRAM

2

PERMIT

TYPE II

PATRICK MARTIN

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 6/27/2016

NUMBER 260250

EXPIRES 6/27/2018

DIRECTOR OF STATE PUBLIC HEALTH LABORATORY

DIRECTOR OF DEPARTMENT OF HEALTH AND SENIOR SERVICES

MO 580-0771 (6-10)

LAB-4 (RS-10)

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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: 25-Jul-2016

Lot # AG620202 **Model** 108cacd

Exp. Date	Cyl. Type	Component	Certified Concentration
20-Jul-2018	108	Ethanol	0.100 ± 2% BrAC (272 ppm)
		Nitrogen	Balance

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

Serial No.	Concentration	Serial No.	Concentration
EB0010581	**391.8 ppm**	**EB0010603**	**392.5 ppm**
EB0010570	**259.8 ppm**	**EB0010559**	**258.9 ppm**
EB0010285	**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**

Analyst: Rod Marsala
Rod Marsala

ISO 17025:2005 A2LA accredited. Certificate Number 2989.01