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
105447 JASPER CO SO	0993586790	08/03/2016
LOCATION OF INSTRUMENT (STREET AND CITY)		TIME OF INSPECTION
1200 S. HOLDEN ST. WARRENSBURG		1156

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.

- [x] DIGITAL READOUT (ALL ELEMENTS OPERATIONAL) OK
- [x] TEMPERATURE OF ALCO SENSOR (10°C - 40°C) OK
- [x] PRINTER WORKING PROPERLY OK
- [x] TIME AND DATE DISPLAYING PROPERLY OK

BREATH ALCOHOL ACCURACY STANDARDS

- [ ] SIMULATOR SOLUTION
- [x] COMPRESSED ETHANOL-GAS MIXTURE

- [x] STANDARD SUPPLIER INTOXIMETERS LOT # AG535002 EXP. DATE 12/16/2017

- [ ] SIMULATOR TEMPERATURE (34°C ± 0.2°C) — SIMULATOR SN — SIMULATOR EXP DATE —

- [x] 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
  - [x] 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 ☞	TEST 2 ☞	TEST 3 ☞
0.080	0.080	0.080

- [x] RFI DETECTOR OPERATING OK

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)
—	—	—	—	—	—

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).

REPLACED 9 VOLT BATTERY, RE-SEATED CHIP

INSPECTING OFFICER

SIGNATURE	PRINT NAME
▸	ROBERT WELSH
TYPE II PERMIT NUMBER/EXPIRATION DATE	TELEPHONE NUMBER
250122 06/03/2017	6605434597

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

AS IV Serial no: 105447
Version no: 532B

TEST RECORD 00579

Temp	Date	Time	9/ 210L

Air Blank:
08/03/16 11:56 .000
Subject Test: Auto
29 08/03/16 11:56 .000

Subject Name
BLANK TEST

Subject I.D.
WELSH 250122

Operator Name, I.D.
HSIP/MSC

Location

AS IV Serial no: 105447
Version no: 532B

TEST RECORD 00580

Temp	Date	Time	9/ 210L

Air Blank:
08/03/16 11:58 .000
Calibration Check:
28 08/03/16 11:58 .080

Subject Name
CAL CK 1

Subject I.D.
WELSH 250122

Operator Name, I.D.
HSIP/MSC

Location

AS IV Serial no: 105447
Version no: 532B

TEST RECORD 00581

Temp	Date	Time	9/ 210L

Air Blank:
08/03/16 12:00 .000
Calibration Check:
28 08/03/16 12:00 .080

Subject Name
CAL CK 2

Subject I.D.
WELSH 250122

Operator Name, I.D.
HSIP/MSC

Location

AS IV Serial no: 105447
Version no: 532B

TEST RECORD 00582

Temp	Date	Time	9/ 210L

Air Blank:
08/03/16 12:02 .000
Calibration Check:
28 08/03/16 12:02 .080

Subject Name
CAL CK 3

Subject I.D.
WELSH 250122

Operator Name, I.D.
HSIP/MSC

Location

AS IV Serial no: 105447
Version no: 532B

TEST RECORD 00583

Temp	Date	Time	9/ 210L

VOID: RFI
12 08/03/16 12:03

Subject Name
RFI CK

Subject I.D.
WELSH 250122

Operator Name, I.D.
HSIP/MSC

Location

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: 21-Dec-2015

Lot # AG535002 **Model** 108cacd

Exp. Date	Cyl. Type	Component	Certified Concentration
16-Dec-2017	108	Ethanol	0.080 ± 0.002 BrAC (218 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

Digitally signed by Quality Control
Date: 2015.12.21 14:02:23 -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