



MISSOURI DEPARTMENT OF HEALTH AND SENIOR SERVICES
STATE PUBLIC HEALTH LABORATORY

ALCO-SENSOR IV WITH PRINTER MAIN

RECEIVED

By Carol Day at 10:47 am, Jan 08, 2016

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 108266	PRINTER SN 099.3586.818	DATE OF INSPECTION 01/06/2016
LOCATION OF INSTRUMENT (STREET AND CITY) 600 E WALNUT COLUMBIA		TIME OF INSPECTION 8:55 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 # AG505101 EXP. DATE 02/20/2017

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 • .098

TEST 2 • .097

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	4	(0-.04)	0	(.05-.09)	0	(.10-.14)	3	(.15-.19)	1	(OVER .19)	1
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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

Spirit Stevens

TYPE II PERMIT NUMBER/EXPIRATION DATE

344517/11/17/16

TELEPHONE NUMBER

(573) 874-7652

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



Airgas USA LLC (LAB)
 3500 Bernard Street
 St. Louis, Mo. 63103
 Ph: (314) 533-3100
 Fax: (314) 533-7328

Certificate of Analysis

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

Test Date: 23-Feb-2015

Lot # AG505101

Exp. Date 20-Feb-2017

Cyl. Type 108

Component Ethanol

Certified Concentration 0.100 ± 2% BRAC (272 ppm)

Balance

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

Serial No.	Concentration	NDIR	Analytical Method:
EB0010581	391.8 ppm	391.8 ppm	NDIR
EB0010570	259.8 ppm	259.8 ppm	
EB0010285	209.0 ppm	209.0 ppm	
EB0010561	103.7 ppm	103.7 ppm	
EB0010681	52.22 ppm	52.22 ppm	
Serial No.	Concentration		
EB0010603	392.5 ppm		NDIR
EB0010559	258.9 ppm		
EB0010595	208.9 ppm		
EB0010562	104.9 ppm		
EB0010579	52.94 ppm		

Analyst:

Rod Marsala
 Rod Marsala

Digitally signed by Quality Control
 Date: 2015.02.23 15:38:13 -06:00
 Reason: Dry gas standard certification of analysis
 Location: Airgas USA LLC (Lab)

ISO 17025:2005 A2LA accredited. Certificate Number 2989.01

AS IU Serial no: 100266
Version no: 532B

TEST RECORD 00590

Temp Date Time 210L

Air Blank:
01/06/16 20:57 .000
Calibration Check:
23 01/06/16 20:57 .007

Subject Name

Cal 2

Subject I.D.

Operator Name, I.D.

S.Stevens 213

Location

CPD

AS IU Serial no: 100266
Version no: 532B

TEST RECORD 00589

Temp Date Time 210L

Air Blank:
01/06/16 20:55 .000
Calibration Check:
24 01/06/16 20:55 .000

Subject Name

Cal 1

Subject I.D.

Operator Name, I.D.

S.Stevens 213

Location

CPD

AS IU Serial no: 100266
Version no: 532B

TEST RECORD 00592

Temp Date Time 210L

VOID: RFI
12 01/06/16 21:00

Subject Name

RFI

Subject I.D.

Operator Name, I.D.

S.Stevens 213

Location

CPD

AS IU Serial no: 100266
Version no: 532B

TEST RECORD 00591

Temp Date Time 210L

Air Blank:
01/06/16 20:59 .000
Calibration Check:
25 01/06/16 20:58 .008

Subject Name

Cal 3

Subject I.D.

Operator Name, I.D.

Spirit Stevens 213

Location

CPD