



MISSOURI DEPARTMENT OF HEALTH AND SENIOR SERVICES
 STATE PUBLIC HEALTH LABORATORY
ALCO-SENSOR IV WITH PRINTER MAINTENANCE REPORT

RECEIVED
 By Tracy Crews at 8:26 am, Mar 25, 2020

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 108393	PRINTER SN 099.3586.801	DATE OF INSPECTION 03/24/2020
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LOCATION OF INSTRUMENT (STREET AND CITY) 14301 SOUTH OUTER 40, CHESTERFIELD	TIME OF INSPECTION 9:44 am
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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

<input type="checkbox"/> SIMULATOR SOLUTION	<input checked="" type="checkbox"/> COMPRESSED ETHANOL-GAS MIXTURE
<input checked="" type="checkbox"/> STANDARD SUPPLIER <u>INTOXIMETERS, INC.</u> LOT # <u>AG829708</u> EXP. DATE <u>10/24/2020</u>	
<input type="checkbox"/> 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 ● .096
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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)	1	(.10-.14)	1	(.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).

Time Updated

INSPECTING OFFICER

SIGNATURE 	PRINT NAME PO JAHNS, DSN 3725
TYPE II PERMIT NUMBER/EXPIRATION DATE 290039 02/20/2021	TELEPHONE NUMBER (636) 529-8210

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

AS IV Serial no: 108393
Version no: 532B

TEST RECORD 00537

Temp Date Time ^{g/} 210L

Air Blank:
03/24/20 09:46 .000
Calibration Check:
21 03/24/20 09:46 .098

Subject Name

Cal Check #1

Subject I.D.

N/A

Operator Name, I.D.

Jahns 325

Location

MoDot TMC

AS IV Serial no: 108393
Version no: 532B

TEST RECORD 00539

Temp Date Time ^{g/} 210L

Air Blank:
03/24/20 09:49 .000
Calibration Check:
23 03/24/20 09:49 .006

Subject Name

Cal Check #3

Subject I.D.

N/A

Operator Name, I.D.

Jahns 325

Location

MoDot TMC

AS IV Serial no: 108393
Version no: 532B

TEST RECORD 00538

Temp Date Time ^{g/} 210L

Air Blank:
03/24/20 09:47 .003
Calibration Check:
22 03/24/20 09:47 .097

Subject Name

Cal Check #2

Subject I.D.

N/A

Operator Name, I.D.

Jahns 325

Location

MoDot TMC

AS IV Serial no: 108393
Version no: 532B

TEST RECORD 00548

Temp Date Time ^{g/} 210L

Air Blank:
12 03/24/20 09:51

Subject Name

RFI Check

Subject I.D.

N/A

Operator Name, I.D.

Jahns 325

Location

MoDot TMC



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-Oct-2018

Lot # AG829708 **Model** 108cadd

Exp. Date

24-Oct-2020

Cyl. Type

108

Component

Ethanol

Nitrogen

Certified Concentration

0.100 ± 2% BrAC (272 ppm)

Balance

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

Serial No.

EB0010581

EB0010570

EB0010285

EB0010561

EB0010681

Concentration

392.1 ppm

259.8 ppm

208.0 ppm

103.6 ppm

52.12 ppm

Serial No.

EB0010603

EB0010559

EB0010595

EB0010562

EB0010579

Concentration

393.0 ppm

258.2 ppm

208.3 ppm

104.2 ppm

52.81 ppm

Analytical Method:

NDIR

Digitally signed by Quality Control
Date: 2018.10.25 14:13:39 -05:00
Reason: Dry gas standard certification of analysis
Location: Airgas USA LLC (Lab)

Approved for Release:

Rod Marsala

ISO 17025:2005 A2LA accredited. Certificate Number 3082.06



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

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PERMIT
TYPE II
KYLE JAHNS

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 DMT

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 2/20/2019

NUMBER 290039

EXPIRES 2/20/2021

DIRECTOR OF STATE PUBLIC HEALTH LABORATORY

DIRECTOR OF DEPARTMENT OF HEALTH AND SENIOR SERVICES