



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 111742	PRINTER SN 09B.3589.518	DATE OF INSPECTION 02/20/2020
LOCATION OF INSTRUMENT (STREET AND CITY) 14301 SOUTH OUTER 40, CHESTERFIELD		TIME OF INSPECTION 09:35

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, INC LOT # AG829708 EXP. DATE 10/24/2020
- 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 .100	TEST 2 .100	TEST 3 .100
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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)	0	(.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
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: 111742
Version no: 532B

TEST RECORD 00300

Temp Date Time ^{s/} 210L

Air Blank:
02/20/20 09:36 .000
Calibration Check:
22 02/20/20 09:36 .100

Subject Name

Cal Check #1

Subject I.D.

N/A

Operator Name, I.D.

Jahns 3225

Location

MoDOT TMC

AS IV Serial no: 111742
Version no: 532B

TEST RECORD 00301

Temp Date Time ^{s/} 210L

Air Blank:
02/20/20 09:38 .000
Calibration Check:
23 02/20/20 09:38 .100

Subject Name

Cal Check #2

Subject I.D.

N/A

Operator Name, I.D.

Jahns 3225

Location

MoDOT TMC

AS IV Serial no: 111742
Version no: 532B

TEST RECORD 00302

Temp Date Time ^{s/} 210L

Air Blank:
02/20/20 09:39 .000
Calibration Check:
23 02/20/20 09:39 .100

Subject Name

Cal Check #3

Subject I.D.

N/A

Operator Name, I.D.

Jahns 3225

Location

MoDOT TMC

AS IV Serial no: 111742
Version no: 532B

TEST RECORD 00303

Temp Date Time ^{s/} 210L

VOID: RFI
12 02/20/20 09:40

Subject Name

RFI Check

Subject I.D.

N/A

Operator Name, I.D.

Jahns 3225

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

<u>Exp. Date</u>	<u>Cyl. Type</u>	<u>Component</u>	<u>Certified Concentration</u>
24-Oct-2020	108	Ethanol Nitrogen	0.100 ± 2% BrAC (272 ppm) Balance

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

<u>Serial No.</u>	<u>Concentration</u>	<u>Serial No.</u>	<u>Concentration</u>
EB0010581	392.1 ppm	EB0010603	393.0 ppm
EB0010570	259.8 ppm	EB0010559	258.2 ppm
EB0010285	208.0 ppm	EB0010595	208.3 ppm
EB0010561	103.6 ppm	EB0010562	104.2 ppm
EB0010681	52.12 ppm	EB0010579	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