



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

RECEIVED
 By Tracy Crews at 10:01 am, Mar 02, 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 087972	PRINTER SN 08C.3556.386	DATE OF INSPECTION 02/21/2020
LOCATION OF INSTRUMENT (STREET AND CITY) 232 Vance Rd St. Louis MO 63088		TIME OF INSPECTION 11:28 am

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 # AG815101 EXP. DATE 05/31/2020
- 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 0.104	TEST 2 0.103	TEST 3 0.102
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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)	1	(.05-.09)	0	(.10-.14)	0	(.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).

INSPECTING OFFICER	
SIGNATURE <i>P.O. M. Maloney 4427</i>	PRINT NAME Michael P. Maloney
TYPE II PERMIT NUMBER/EXPIRATION DATE 290063 / 03/08/2021	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

ALCO-SENSOR IV MONTHLY MAINTENANCE REPORT
UNIT #087972

February 2020
Printer # 08C.3556.386

95 IV Serial no: 087972
Version no: 532B

TEST RECORD 00449

Temp Date Time [✓] 210L

Air Blank:
02/21/20 11:29 .000
Calibration Check:
19 02/21/20 11:29 .104

Subject Name

Test 1

Subject I.D.

N/A

Operator Name, I.D.

Maloney 4427

Location

232 Vance rd

63088

95 IV Serial no: 087972
Version no: 532B

TEST RECORD 00450

Temp Date Time [✓] 210L

Air Blank:
02/21/20 11:31 .000
Calibration Check:
20 02/21/20 11:31 .103

Subject Name

Test 2

Subject I.D.

N/A

Operator Name, I.D.

Maloney 4427

Location

232 Vance Rd

63088

95 IV Serial no: 087972
Version no: 532B

TEST RECORD 00451

Temp Date Time [✓] 210L

Air Blank:
02/21/20 11:37 .000
Calibration Check:
21 02/21/20 11:37 .102

Subject Name

Test 3

Subject I.D.

N/A

Operator Name, I.D.

Maloney 4427

Location

232 Vance Rd

63088

95 IV Serial no: 087972
Version no: 532B

TEST RECORD 00452

Temp Date Time [✓] 210L

VOID: RFI
12 12/15/44 07:05

Subject Name

RFI Test

Subject I.D.

N/A

Operator Name, I.D.

Maloney 4427

Location

232 Vance Rd

63088



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: 5-Jun-2018

Lot # AG815101 Model 108cacc

Exp. Date

31-May-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

391.8 ppm

259.8 ppm

209.0 ppm

103.7 ppm

52.22 ppm

Serial No.

EB0010603

EB0010559

EB0010595

EB0010562

EB0010579

Concentration

392.5 ppm

258.9 ppm

208.9 ppm

104.9 ppm

52.94 ppm

Analytical Method:

NDIR

Digitally signed by Quality Control
Date: 2018.06.05 14:48:14 -06:00
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



**PERMIT
 TYPE II**

MICHAEL P MALONEY

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 3/8/2019

NUMBER 290063

EXPIRES 3/8/2021

DIRECTOR OF STATE PUBLIC HEALTH LABORATORY

DIRECTOR OF DEPARTMENT OF HEALTH AND SENIOR SERVICES