



MISSOURI DEPARTMENT OF HEALTH AND SENIOR SERVICES STATE PUBLIC HEALTH LABORATORY

ALCO-SENSOR IV WITH PRINTER MAINTENANCE REPORT

By Tracy Crews at 10:52 am, Jun 14, 2021

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 NAME OF AGENCY DATE OF INSPECTION 097425 St. Louis County Police Department 06/11/2021 LOCATION OF INSTRUMENT (STREET AND CITY) TIME OF INSPECTION 14301 South Outer 40 Rd, Chesterfield 11:58 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** ☑ COMPRESSED ETHANOL-GAS MIXTURE □ SIMULATOR SOLUTION ___ LOT # AG015503 ✓ STANDARD SUPPLIER Intoximeters EXP. DATE 06/03/2022 \square SIMULATOR TEMPERATURE (34°C ± 0.2°C) _____ SIM. SN _ SIM. NIST 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 .097 RFI DETECTOR OPERATING INDICATE THE NUMBER OF BREATH TESTS IN THE FOLLOWING RANGES SINCE THE LAST MAINTENANCE REPORT: (DO NOT INCLUDE SELF-ADMINISTERED TESTS) 2 **REFUSALS** (0-.04)(.05-.09)(.10-.14)(OVER .19) (.15-.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). INSPECTING OFFICER PRINT NAME PO NEUMAN, DSN 3072 TELEPHONE NUMBER MIT NUMBER/EXPIRATION DATE 210074 04/06/2023 (636) 529-8210 Return completed report to the: Breath Alcohol Program, MO Department of Health and Senior Services, Southeast District Office

by mail, fax, or email.

AS IV Serial no: 097425 Version no: 5328 TEST RECORD 00487 Temp Date Time 210L Air Blank: 06/11/21 11:58 .000 Calibration Check: 22 06/11/21 11:58 .098 Subject Name Subject I.D. Operator Name, I.D. AS IV Serial no: 097425 Version no: 532B TEST RECORD 00489 Temp Date Time 2<mark>10L</mark> this programme with a price series bould desire serve bread desire serve serves about desire Air Blank: 06/11/21 12:02 .000 Calibration Check: 24 06/11/21 12:02 .097 Subject Name Tust #3 Subject I.D. Operator Name, I.D.

AS IV Serial no: 097425
Version no: 532B

TEST RECORD 00488

Solution Date Time 210L

Air Blank:
06/11/21 12:00 .000
Calibration Check:
23 06/11/21 12:00 .097

Subject Name

Test # 2

Subject I.D.

NA

Operator Name, I.D.

TO Neuman 3073

Location

MODOT TMC

AS IV Serial no: 097425
Version no: 532B

TEST RECORD 00490
9/
Tomp Date Time 210L

VOID: RFI
12 06/11/21 12:04

Subject Name

RFF
Subject I.D.

NA

Operator Name, I.D.

Do Neuman 3672

Location

Mo Dot TW



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: 8-Jun-2020

Lot # AG015503 Model 108cacd

Exp. Date 3-Jun-2022 **Cyl. Type** 108

Component

Certified Concentration 0.100 ± 2% BrAC (272 ppm)

Ethanol Nitrogen

Balance

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

RGM Serial No.	Concentration	RGM Serial No.	Concentration
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
CRM Serial No.	Concentration	CRM Serial No.	Concentration
CC434668	800.0 ppm	0056649	390.1 ppm
CC234503	253.0 ppm	0056662	150.2 ppm

Analytical Method:

NDIR

Digitally signed by Quality Control Date: 2020.06.10 14:11:39 -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 ISO 17034:2016 A2LA accredited. Certificate Number 3082.07



STATE OF MISSOURI

DEPARTMENT OF HEALTH AND SENIOR SERVICES
BREATH ALCOHOL PROGRAM



PERMIT TYPE II

DAWN M. NEUMAN

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.

DATE4/6/2021	when		
NUMBER 210074	DIRECTOR OF STATE PUBLIC HEALTH LABORATORY		
EXPIRES 4/6/2023	for Ville		
VIO 580-0771 (6-10)	DIRECTOR OF DEPARTMENT OF HEALTH AND SENIOR SERVICES LAB-4 (RG-10)		