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By Tracy Crews at 7:35 am, Sep 06, 2023



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 **094804** NAME OF AGENCY **Kansas City Police Department** DATE OF INSPECTION **08/19/2023**

LOCATION OF INSTRUMENT (STREET AND CITY) **9701 MARION PARK DR, KANSAS CITY** TIME OF INSPECTION **1721**

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 # **AG132803** EXP. DATE **11/24/2023**

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 **.077** TEST 2 **.077** TEST 3 **.077**

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) **4** (.15-.19) **2** (OVER .19) **4**

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).

Instrument meets all DOHSS standards and guidelines.

INSPECTING OFFICER

SIGNATURE

PRINT NAME **Douglas Davidson**

TYPE II PERMIT NUMBER/EXPIRATION DATE **230065 04/06/2025**

TELEPHONE NUMBER **8162345000**

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: 094804
Version no: 532B

TEST RECORD 01080

Temp Date Time ^{s/} 210L

Air Blank:
08/19/23 17:21 .000
Calibration Check:
30 08/19/23 17:21 .077

Subject Name

Test #1

Subject I.D.

Operator Name, I.D.

Davidson 5646

Location

230065 04/06/2025

AS IV Serial no: 094804
Version no: 532B

TEST RECORD 01081

Temp Date Time ^{s/} 210L

Air Blank:
08/19/23 17:23 .000
Calibration Check:
30 08/19/23 17:23 .077

Subject Name

Test #2

Subject I.D.

Operator Name, I.D.

Davidson 5646

Location

230065 04/06/2025

AS IV Serial no: 094804
Version no: 532B

TEST RECORD 01082

Temp Date Time ^{s/} 210L

Air Blank:
08/19/23 17:25 .000
Calibration Check:
30 08/19/23 17:25 .077

Subject Name

Test #3

Subject I.D.

Operator Name, I.D.

Davidson 5646

Location

230065 04/06/2025

AS IV Serial no: 094804
Version no: 532B

TEST RECORD 01083

Temp Date Time ^{s/} 210L

VOID: RFI
12 08/19/23 17:27

Subject Name

RFI Test

Subject I.D.

Operator Name, I.D.

Davidson 5646

Location

230065 04/06/2025

AIRgas

Certificate of Analysis

AIRgas USALLC (LAB)
3500 Bernard Street
St. Louis, Mo. 63103
Ph: (314) 333-3100
Fax: (314) 593-7328

Test Date: 29-Nov-2021

Customer Name
Exclusive Supplier
Inoximeters, Inc.
2081 Craig Road
St. Louis, Mo. 63145

Lot # AG132803 Model 108

Exp Date 24-Nov-2023
Cyl. Type 108

Component Ethanol
Nitrogen
Certified Concentration
0.092 ± 0.002 %VAC (223 ppm)

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	EB0010582	104.2 ppm
EB0010687	52.12 ppm	EB0010579	52.81 ppm

Analytical Method: NDIR

CRM Serial No.	Concentration	CRM Serial No.	Concentration
CC434668	800.0 ppm	0056649	390.1 ppm
CC234503	253.0 ppm	0056652	150.2 ppm

Quality Control Sample
Reported on this certificate
is not a certified reference material
of AIRgas

Approved for Release:

Rod Marsala
Rod Marsala

ISO 17025:2017 AZLA accredited. Certificate Number 3082.06
ISO 17034:2016 AZLA accredited. Certificate Number 3082.07



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

PERMIT
TYPE II

DOUGLAS D. DAVIDSON

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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, INTOXIMYZER 8000

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 4/6/2023

NUMBER 230052

EXPIRES 4/6/2025

CD 300-071 (6-18)

DIRECTOR OF STATE PUBLIC HEALTH LABORATORY

Douglas D. Davidson

DIRECTOR OF DEPARTMENT OF HEALTH AND SENIOR SERVICES

LS-4-09-12

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

INSTRUMENT OPERATOR CARD

This permit authorizes the instrument operator to operate and maintain the following instrument for the determination of the alcoholic content of expired air. The operator must be trained and certified by the Missouri Department of Health and Senior Services.

Operator: DAVIDSON, DOUGLAS
Permit No: 230052
Date Issued: 4/6/2023 Date Expires: 4/6/2025