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By Tracy Crews at 7:51 am, Jun 03, 2022



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 **097412** NAME OF AGENCY **Kansas City Police Department** DATE OF INSPECTION **05/20/2022**

LOCATION OF INSTRUMENT (STREET AND CITY) **9701 MARION PARK DR, KANSAS CITY** TIME OF INSPECTION **1645 hours**

**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 # **AG010103** EXP. DATE **04/10/2022**

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 **0.079** TEST 2 **0.077** TEST 3 **0.077**

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 **4** (0-.04) **0** (.05-.09) **2** (.10-.14) **5** (.15-.19) **2** (OVER .19) **6**

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 5646 PRINT NAME **Douglas Davidson 5646**

TYPE II PERMIT NUMBER/EXPIRATION DATE **210058 04/06/2023** TELEPHONE NUMBER **816-234-5000**

**Return completed report to the:** Breath Alcohol Program, MO Department of Health and Senior Services, Southeast District Office by mail, fax, or email.

AS 1V Serial no: 897412  
Version no: 532B

TEST RECORD 88625

Temp Date Time 219L

For Blank:  
05/28/22 17:02 .80  
Calibration Check:  
07 05/28/22 17:02 .80

Subject Name

Test 2

Operator Name, I.D.

Operator Name, I.D.

Davidson 5646

Location

210058 04/06/2023

AS 1V Serial no: 897412  
Version no: 532B

TEST RECORD 88626

Temp Date Time 210L

For Blank:  
05/28/22 17:06 .80  
Calibration Check:  
07 05/28/22 17:06 .80

Subject Name

Test 3

Operator Name, I.D.

Operator Name, I.D.

Davidson 5646

Location

210058 04/06/2023

AS 1V Serial no: 897412  
Version no: 532B

TEST RECORD 88627

Temp Date Time 210L

For Blank:  
05/28/22 17:06 .80  
Calibration Check:  
07 05/28/22 17:06 .80

Subject Name

Test 3

Operator Name, I.D.

Operator Name, I.D.

Davidson 5646

Location

210058 04/06/2023

AS 1V Serial no: 897412  
Version no: 532B

TEST RECORD 88627

Temp Date Time 210L

For Blank:  
05/28/22 17:07

Subject Name

Test RFI

Operator Name, I.D.

Operator Name, I.D.

Davidson 5646

Location

210058 04/06/2023

AS 1V Serial no: 897412  
Version no: 532B

TEST RECORD 88624

Temp Date Time 219L

For Blank:  
05/28/22 17:01 .80  
Calibration Check:  
07 05/28/22 17:01 .80

Subject Name

Test 1

Operator Name, I.D.

Operator Name, I.D.

Davidson 5646

Location

210058 04/06/2023



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

2

PERMIT  
TYPE II

DOUGLAS DAYDSON

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, INTOXILYZER 8000**

for the determination of the alcoholic content of blood from a sample of expired air. Permits issued under the provisions of sections 577.020 through 577.041, RSMo and 203.111 through 306.119 RSMo.

DATE 4/6/2021  
 NUMBER 210153  
 EXPIRES 4/6/2023  
 AND 104771 RSM

*W. S.*  
 DIRECTOR OF STATE PUBLIC HEALTH LABORATORY  
 DIVISION OF DEPARTMENT OF HEALTH AND SENIOR SERVICES  
 Unit #1047

STATE OF MISSOURI  
DEPARTMENT OF HEALTH AND SENIOR SERVICES  
BREATH ALCOHOL PROGRAM  
INSTRUMENT OPERATOR CARD

Operator: **DAYDSON, DOUGLAS**  
 Date Expiry: **4/6/2023**

On a daily basis, the operator must verify the accuracy of the instrument by performing a field service check. The operator must also verify the accuracy of the instrument by performing a field service check. The operator must also verify the accuracy of the instrument by performing a field service check.



Airgas USA LLC (US)  
 3500 Demand Street  
 St. Louis, Mo. 63103  
 PH: (314) 533-3100  
 Fax: (314) 533-7028

Certificate of Analysis

Test Date: 13-Apr-2020

Customer Name  
 Analytical Supplier  
 MacIntyre, Inc.  
 2081 Craig Road  
 St. Louis, Mo 63145

Lot # AG010103 Model 108caod

Exp. Date  
 10-Apr-2022

Component  
 Ethanol  
 Nitrogen

Certified Concentration  
 0.082 ± 0.002 S.M.C (23 ppm)  
 Balance

CAL Type  
 108

Certification Traceable to NIST, T, RSM and to GRM Ethanol Standards:

RGM Serial No.	Concentration	RGM Serial No.	Concentration
EB0010581	332.1 ppm	EB0010003	393.0 ppm
EB0010570	259.8 ppm	EB0010589	298.2 ppm
EB0010225	208.0 ppm	EB0010585	206.3 ppm
EB0010581	103.8 ppm	EB0010562	104.2 ppm
EB0010581	52.12 ppm	EB0010578	52.81 ppm

GRM Serial No.	Concentration	GRM Serial No.	Concentration
CC434668	805.0 ppm	0055619	390.1 ppm
CC234503	253.0 ppm	0055662	150.2 ppm

Analytical Method: NDIR

Quality Analyst: *Quincy Campbell*  
 Revision: 001 (11/01/2019)  
 Location: Missouri Dept. of Health

Approved for Release: *Rod Watsala*  
 Rod Watsala

ISO 17025:2005 A2LA accredited, Certificate Number 3082.06  
 ISO 17025:2005 A2LA accredited, Certificate Number 3082.07