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By Tracy Crews at 4:25 pm, Jun 02, 2020



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 087970	PRINTER SN 08C.3527.187	DATE OF INSPECTION 05/22/2020
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LOCATION OF INSTRUMENT (STREET AND CITY) 9701 Marion Park Drive, Kanas City, MO 64137	TIME OF INSPECTION 5:32 pm
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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 Intoximteres LOT # AG905605 EXP. DATE 02/25/2021
- 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 0.081	TEST 2 0.079	TEST 3 0.079
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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-.04)	(.05-.09)	(.10-.14)	(.15-.19)	(OVER .19)
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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 	PRINT NAME Douglas Davidson 5646
TYPE II PERMIT NUMBER/EXPIRATION DATE 290087/ 04-22-2021	TELEPHONE NUMBER (816) 234-5000

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: 087970
Version no: 532B

TEST RECORD 00280

Temp	Date	Time	s/ 210L
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Air Blank:	05/22/20	17:41	.000
Calibration Check:	22 05/22/20	17:41	.081

Subject Name

Test 1

Subject I.D.

Operator Name, I.D.

Davidson 5646

Location

290087 04/22/2021

AS IV Serial no: 087970
Version no: 532B

TEST RECORD 00282

Temp	Date	Time	s/ 210L
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Air Blank:	05/22/20	17:48	.000
Calibration Check:	25 05/22/20	17:48	.079

Subject Name

Test 2

Subject I.D.

Operator Name, I.D.

Davidson 5646

Location

290087 04/22/2021

AS IV Serial no: 087970
Version no: 532B

TEST RECORD 00283

Temp	Date	Time	s/ 210L
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Air Blank:	05/22/20	17:50	.000
Calibration Check:	26 05/22/20	17:50	.079

Subject Name

Test 3

Subject I.D.

Operator Name, I.D.

Davidson 5646

Location

290087 04/22/2021

AS IV Serial no: 087970
Version no: 532B

TEST RECORD 00284

Temp	Date	Time	s/ 210L
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VOID: RFI	12 05/22/20	17:52	
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Subject Name

RFT Test

Subject I.D.

Operator Name, I.D.

Davidson 5646

Location

290087 04/22/2021



7 Eastgate Dr. • P.O. Box 790 • Jacksonville, IL 62651-0790
217-245-2183 • Fax: 217-243-7634 • www.ilmoproducts.com

Certificate of Analysis

Certificate ID: 11721
Part #: BAC105L080T
Cylinder Size: 105L
Lot Number: 00919080A1
Expiration: 3/5/2021

0.080 BAC (For the calibration of instruments used to determine breath alcohol concentration)

Contents: 105 Liters @ 1000 psig 70°F (21°C)


Component:	Reported Concentration:	Analytical Accuracy (U, k=2):	Analytical Method:
Ethanol	208 ppm	+/-0.002 BAC(G/210L) [5.2 ppm]	NDIR
Nitrogen	Balance		

Distributed by:

CMI Inc.
316 East Ninth Street
Owensboro, KY 42303
Phone 866-835-0690
www.alcoholtest.com

*NIST Traceable Reference Material
Cylinder No. CC274523 / Job No. 09160306
Certified 362.2 µmol/mol Ethanol in Nitrogen

Store in dry area, away from sources of heat, ignition and direct sunlight. Do not allow storage area to exceed 52 °C (125 °F).


Specialty Gas Lab Tech

01-24-19
Date



The calibration results within this certificate were obtained using equipment and standards capable of producing analytical results traceable to NIST, and apply only to the items contained on this certificate. ILMO Products Company makes no warranty or representation as to the suitability of the use of any information provided for any particular purpose. The information use is at the sole discretion and risk of the user. Liability shall be limited to established replacement cost of this material or service.

ISO/IEC 17025:2005 Accredited Laboratory



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

PERMIT
TYPE II

DOUGLAS DAVIDSON



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. Permit issued under the provisions of sections 577.020 through 577.041, RSMo and 306.111 through 306.119 RSMo.

DATE 4/22/2019

W.A. [Signature]
DIRECTOR OF STATE PUBLIC HEALTH LABORATORY

NUMBER 290087

[Signature]
DIRECTOR OF DEPARTMENT OF HEALTH AND SENIOR SERVICES

LSA-PS-10

MO 98-071 (8-18)

EXPIRES 4/22/2021

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

The named operator is authorized to operate an ethanol breath alcohol analyzer of the make and model of the ethanol content in breath form of expired air in Missouri.

Operator: **DAVIDSON, DOUGLAS**
Permit No: **290087**
Date Issued: **4/22/2019**
Date Expires: **4/22/2021**



7 Eastgate Dr. • P.O. Box 790 • Jacksonville, IL 62651-0790
217-245-2183 • Fax: 217-245-7634 • www.ilmoproducts.com

Certificate of Analysis

Certificate ID: 11721
Part #: BAC105L080T
Cylinder Size: 105L
Lot Number: 00919080A1
Expiration: 3/5/2021

0.080 BAC (from the calibration of instruments used to determine breath alcohol concentration)

Contents: 105 Liters @ 1000 psig 70°F (21°C)

Component	Reported Concentration	Analytical Accuracy (U, k=2)	Analytical Method
Ethanol	298 ppm	±/- 6.862 BAC(g/210L)	NDR
Nitrogen	Balance	[5.2 ppm]	

Distributed by:
CMI Inc.
316 East Ninth Street
Owensboro, KY 42303
Phone 866-835-0690
www.alcoholtest.com

*NIST Traceable Reference Material
Cylinder No. CC274523 / Job No. 09160306
Certified 362.2 mmol/mol Ethanol in Nitrogen

Score in dry area, away from sources of heat
ignition and direct sunlight. Do not allow storage
area to exceed 52 °C (125 °F).

[Signature]
Specialty Gas Lab Tech

Date 01-24-19



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