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By Tracy Crews at 12:06 pm, Jun 23, 2020



MISSOURI DEPARTMENT OF HEALTH AND SENIOR SERVICES
STATE PUBLIC HEALTH LABORATORY

CMI INTOXILYZER 8000 MAINTENANCE REPORT

BAT
CANE
REPORT #2

Complete this report in duplicate at the time of the regular monthly preventive maintenance check, and whenever instrument is repaired. Send one copy to Department of Health and Senior Services, and retain one copy in department file.

INSTRUMENT SERIAL NUMBER 80-005837	LOCATION OF INSTRUMENT KANSAS CITY PD	DATE OF INSPECTION 06/07/2020	TIME OF INSPECTION 22:33
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CALIBRATION CHECK RESULTS			CALIBRATION CHECK SUMMARY		
Test	g/210L	Time	STANDARD TYPE	STANDARD LOT #	STANDARD EXPIRATION DATE
Air Blank	0.000	22:35	DRY	00919080A1	03/05/2021
Cal Check	0.081	22:35	SIM TEMPERATURE	N/A	SIM SERIAL NUMBER
Air Blank	0.000	22:36	N/A	N/A	SIM CERTIFICATE EXPIRATION
Cal Check	0.081	22:36	STANDARD VALUE	STANDARD SUPPLIER	
Air Blank	0.000	22:37	0.080	CMI	
Cal Check	0.080	22:37	CALIBRATION CHECK RESULT 1		
Air Blank	0.000	22:37	0.081		
Cal Check	0.080	22:37	CALIBRATION CHECK RESULT 2		
Air Blank	0.000	22:37	0.081		
Pass			CALIBRATION CHECK RESULT 3		
			0.080		
			MAXIMUM DEVIATION (MUST BE WITHIN 5%)	SPREAD (MUST BE .005 OR LESS)	
			1.2%	0.001	

DIAGNOSTIC TEST RESULTS			RFI TEST RESULTS		
Test	Result	Time	Test	g/210L	Time
Voltage/Current Test	Pass		Air Blank	0.000	22:38
RAM Test	Pass		Subject Test	RFI*	22:38
EEPROM Checksum Test	Pass		Air Blank	0.000	22:39
Real Time Clock Test	Pass		*RFI Detect		
DSP Test	Pass		Pass		
Analytical Stability Test	Pass				
Modem Test	Pass				
Temperature Regulation Test	Pass				

NUMBER OF REFUSALS AND SUBJECT BREATH TESTS IN EACH RANGE SINCE LAST MAINTENANCE REPORT							
REFUSALS	.00-.04	.05-.09	.10-.14	.15-.19	OVER .19		
0	69	0	0	0	0	0	

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).
TESTED AND CERTIFIED

INSPECTING OFFICER		
SIGNATURE 	PRINT NAME RYAN KAIGHEN	
TYPE II PERMIT NUMBER 290228	EXPIRATION DATE 10/01/2021	TELEPHONE NUMBER 8164828196



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



**PERMIT
TYPE II**

RYAN KAIGHEN

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 10/1/2019

NUMBER 290228

EXPIRES 10/1/2021

MO 590-0771 (6-10)

DIRECTOR OF STATE PUBLIC HEALTH LABORATORY

DIRECTOR OF DEPARTMENT OF HEALTH AND SENIOR SERVICES

Lab 4 (R6-10)

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

INSTRUMENT OPERATOR CARD

The name cardholder is authorized to operate an **exhalated breath alcohol** instrument for the determination of the alcoholic content in breath from an expired air.

Operator: **KAIGHEN, RYAN**
Permit No: **290228**
Date Issued: **10/1/2019** Date Expires: **10/1/2021**



7 Eastgate Dr. • P.O. Box 790 • Jacksonvillle, IL 62651-0790
217-245-2183 • Fax: 217-243-7634 • www.ilmo-products.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:	Ethanol	Reported Concentration:	288 ppm	Analytical Accuracy (U, k=2):	+/- 0.002 BAC (6/200L)	Distributed by:	CMI Inc.
	Nitrogen	Balance		Method:	NDIR		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).

[Signature]
Specialty Gas Lab Tech

01-24-19
Date



The calibration results within this certificate were obtained using equipment and materials capable of producing analytical results traceable to NIST, and apply only to the items contained in the certificate. The accuracy of the results is dependent on the quality of the instrument and the quality of the materials used for its manufacture. The information set is at the sole discretion and risk of the user. Liability shall be limited to established replacement cost of the material or service.

ISO/IEC 17025:2005 Accredited Laboratory