

**RECEIVED**

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**

MDEC

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 80-005840	LOCATION OF INSTRUMENT KCMO POLICE DEPT.	DATE OF INSPECTION 06/11/2020	TIME OF INSPECTION 22:34
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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	22:40	DRY	00919080A1	03/05/2021
Cal Check	0.083	22:40	SIM TEMPERATURE	SIM SERIAL NUMBER	SIM CERTIFICATE EXPIRATION
Air Blank	0.000	22:40	N/A	N/A	N/A
Cal Check	0.082	22:41	STANDARD VALUE	STANDARD SUPPLIER	
Air Blank	0.000	22:41	0.080	CMI	
Cal Check	0.082	22:42	CALIBRATION CHECK RESULT 1		
Air Blank	0.000	22:42	0.083		
Cal Check	0.082	22:42	CALIBRATION CHECK RESULT 2		
Air Blank	0.000	22:42	0.082		
<b>Pass</b>			CALIBRATION CHECK RESULT 3		
			0.082		
			MAXIMUM DEVIATION (MUST BE WITHIN 5%)	SPREAD (MUST BE .005 OR LESS)	
			3.7%	0.001	

DIAGNOSTIC TEST RESULTS			RFI TEST RESULTS		
Voltage/Current Test	Pass	Test	g/210L	Time	
RAM Test	Pass	Air Blank	0.000	22:43	
EEPROM Checksum Test	Pass	Subject Test	RFI*	22:43	
Real Time Clock Test	Pass	Air Blank	0.000	22:43	
DSP Test	Pass	*RFI Detect			
Analytical Stability Test	Pass				
Modem Test	Pass				
Temperature Regulation Test	Pass				
<b>Pass</b>			<b>Pass</b>		

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	68	5	1	2	1	

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 | TIME UPDATED

**INSPECTING OFFICER**

SIGNATURE 	PRINT NAME R. 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 306.118 RSMo.

DATE 10/1/2019  
NUMBER 290228  
EXPIRES 10/1/2021

MO 583-0771 (6-10)

*W.A. ...*  
DIRECTOR OF STATE PUBLIC HEALTH LABORATORY

*Ryan Kaighen*  
DIRECTOR OF DEPARTMENT OF HEALTH AND SENIOR SERVICES

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

The named operator is authorized to operate an enclosed breath alcohol instrument for the determination of the alcoholic content in breath form of expired air in Missouri.

Operator: **KAIGHEN, RYAN**  
Date Issued: **10/1/2019** Date Expires: **10/1/2021**



7 Eastgate Dr. • P.O. Box 790 • Jacksonville, 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 sAC (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, I, ±2):	Analytical Method:	Distributed by:
Ethanol	288 ppm	+/-0.003 sAC (6/21st) [5.2 ppm]	NDIR	CMI Inc
Nitrogen	Balance			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).

*Ryan Kaighen*  
Specialty Gas Lab Tech  
Date: 01-24-19



The calibration results within this certificate were obtained using equipment and methods 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