

**RECEIVED**

By Tracy Crews at 12:20 pm, Jul 09, 2021



MISSOURI DEPARTMENT OF HEALTH AND SENIOR SERVICES  
STATE PUBLIC HEALTH LABORATORY  
**CMI INTOXILYZER 8000 MAINTENANCE REPORT**

R P D

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 80-005843	LOCATION OF INSTRUMENT KANSAS CITY P.D.	DATE OF INSPECTION 06/15/2021	TIME OF INSPECTION 02:56
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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	03:03	DRY	14020080A2	07/05/2022
Cal Check	0.080	03:03	SIM TEMPERATURE	SIM SERIAL NUMBER	SIM CERTIFICATE EXPIRATION
Air Blank	0.000	03:04	N/A	N/A	N/A
Cal Check	0.078	03:04	STANDARD VALUE	STANDARD SUPPLIER	
Air Blank	0.000	03:04	0.080	CMI	
Cal Check	0.080	03:05	CALIBRATION CHECK RESULT 1		
Air Blank	0.000	03:05	0.080		
<b>Pass</b>			CALIBRATION CHECK RESULT 2		
			0.078		
			CALIBRATION CHECK RESULT 3		
			0.080		
			MAXIMUM DEVIATION (MUST BE WITHIN 5%)	SPREAD (MUST BE .005 OR LESS)	
			2.5%	0.002	

DIAGNOSTIC TEST RESULTS			RFI TEST RESULTS		
Voltage/Current Test	Pass		Test	g/210L	Time
RAM Test	Pass		Air Blank	0.000	03:06
EEPROM Checksum Test	Pass		Subject Test	RFI*	03:06
Real Time Clock Test	Pass		Air Blank	0.000	03:07
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	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 & CERTIFIED

**INSPECTING OFFICER**

SIGNATURE 	PRINT NAME KAIGHEN
TYPE II PERMIT NUMBER 290228	EXPIRATION DATE 10/01/2021
	TELEPHONE NUMBER N/A



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 308.111 through 308.119 RSMo.

DATE 10/12/2019  
NUMBER 290228  
EXPIRES 10/12/2021  
MO 584971 (6-19)

*[Signature]*  
DIRECTOR OF STATE PUBLIC HEALTH LABORATORY  
DIRECTOR OF DEPARTMENT OF HEALTH AND SENIOR SERVICES  
LHA-98-191

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

This instrument is authorized to operate on authorized permit holder's instrument and only for the purpose of the specific section of the permit or as specified in the instrument's manual.

Operator: **KAIGHEN, RYAN**  
Permit No: **290228**  
Card No: **1047279** Date Expires: **10/12/2021**

**ILMO**  
specialty gases

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: 13021  
Part #: BAC105L0887  
Cylinder Size: 105L  
Lot Number: 1402080A2  
Expiration: 7/5/2022

0.080 BAC (per 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	+/-0.882 BAC (6.28U)	NDR
Nitrogen	Balance	(5.2 ppm)	

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

Traceable to:  
Certified Reference Material - 2624 µmol/mol Ethanol in Nitrogen - Serial No. GND015025 Lot No. 050319E11

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]*  
Specify Gas Lab Tech

06-15-2020  
Issuance Date



ISO/IEC 17025:2017 Accredited Laboratory

The calibration report number 046 specifies that the instrument was calibrated using a minimum of 10 standard gas cylinders. The information on the certificate is for informational purposes only and does not constitute a warranty of accuracy. The information on the certificate is for informational purposes only and does not constitute a warranty of accuracy. The information on the certificate is for informational purposes only and does not constitute a warranty of accuracy.