



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

SCPD

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 80-007511	LOCATION OF INSTRUMENT KANSAS CITY POLICE	DATE OF INSPECTION 11/13/2023	TIME OF INSPECTION 00:12
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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	00:13	DRY	33321080A3	01/05/2024
Cal Check	0.079	00:13	SIM TEMPERATURE	SIM SERIAL NUMBER	SIM CERTIFICATE EXPIRATION
Air Blank	0.000	00:14	N/A	N/A	N/A
Cal Check	0.079	00:14	STANDARD VALUE	STANDARD SUPPLIER	
Air Blank	0.000	00:15	0.080	CMI INC	
Cal Check	0.080	00:15	CALIBRATION CHECK RESULT 1		
Air Blank	0.000	00:15	0.079		
Pass			CALIBRATION CHECK RESULT 2		
			0.079		
			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	g/210L	Time
Voltage/Current Test		Pass	Air Blank	RFI*	00:16
RAM Test		Pass	Air Blank	0.000	00:16
EEPROM Checksum Test		Pass	*RFI Detect		
Real Time Clock Test		Pass	Pass		
DSP Test		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	59	0	1	1	2	

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).
Time-Date changed.
INSTRUMENT MEETS ALL DHSS STANDARDS AND GUIDELINES

INSPECTING OFFICER		
SIGNATURE 	PRINT NAME R. KAIGHEN	
TYPE II PERMIT NUMBER 230209	EXPIRATION DATE 09/22/2025	TELEPHONE NUMBER 8164828190



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 9/22/2023 _____
NUMBER 230209 _____

EXPIRES 9/22/2025 _____

MO. 386-0771 (6-19) _____
DIRECTOR OF DEPARTMENT OF HEALTH AND SENIOR SERVICES

Mike Morrison
DIRECTOR OF STATE PUBLIC HEALTH LABORATORY

Dave J. Nicholson
DIRECTOR OF DEPARTMENT OF HEALTH AND SENIOR SERVICES

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

This permit cardholder is authorized to operate an individual breath alcohol instrument for the determination of the alcoholic content in breath form of engineer air in Missouri.

Operator: KAIGHEN, RYAN
Permit No: 230209
Date Issued: 9/22/2023
Date Expires: 9/22/2025



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: 14496
Part #: BAC105L080T
Cylinder Size: 105L
Lot Number: 33321080A3
Expiration: 1/5/2024

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

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

Component:	Ethanol	Reported Concentration:	208 ppm	Accuracy:	-7-0.002 BAC (0.21BL) NDIR	Analytical Method:	NDIR	Distributed by:	CMI Inc.
	Nitrogen		Balance		(5.2 ppm)				316 East Ninth Street
									Owensboro, KY 42303
									Phone 866-835-0690
									www.alcoholtest.com

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

*Traceable to:
Certified Reference Material - 262.4 umol/mol Ethanol in Nitrogen - Serial No. GN0015026 Lot No. 050319E11

Ryan Kaighen
Specialty Gas Lab Tech

Dave Nicholson

01-04-2022
Issuance Date



The information on this certificate was obtained using equipment and methods capable of producing analytical results traceable to NIST, and apply only to the items covered on this certificate. It does not constitute an endorsement or recommendation as to the suitability of the use of any information provided for any particular purpose. The information on this certificate is the sole discretion and risk of the user. Liability shall be limited to established replacement costs of this material for service.

ISO/IEC 17025:2017 Accredited Laboratory