



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

SPD

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 80-005845	LOCATION OF INSTRUMENT KANSAS CITY PD	DATE OF INSPECTION 06/18/2021	TIME OF INSPECTION 03:03
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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	03:04	DRY	14020080A2	07/05/2022
Cal Check	0.081	03:04	SIM TEMPERATURE	SIM SERIAL NUMBER	SIM CERTIFICATE EXPIRATION
Air Blank	0.000	03:05	N/A	N/A	N/A
Cal Check	0.080	03:05	STANDARD VALUE	STANDARD SUPPLIER	
Air Blank	0.000	03:06	0.080	CMI	
Cal Check	0.080	03:06	CALIBRATION CHECK RESULT 1		
Air Blank	0.000	03:07	0.081		
			CALIBRATION CHECK RESULT 2		
			0.080		
			CALIBRATION CHECK RESULT 3		
			0.080		
			MAXIMUM DEVIATION (MUST BE WITHIN 5%)	SPREAD (MUST BE .005 OR LESS)	
			1.2%	0.001	

Pass

DIAGNOSTIC TEST RESULTS			RFI TEST RESULTS		
			Test	g/210L	Time
Voltage/Current Test	Pass		Air Blank	0.000	03:07
RAM Test	Pass		Subject Test	RFI*	03:07
EEPROM Checksum Test	Pass		Air Blank	0.000	03:08
Real Time Clock Test	Pass		*RFI Detect		
DSP Test	Pass				
Analytical Stability Test	Pass				
Modem Test	Pass				
Temperature Regulation Test	Pass				

Pass

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	0	0	2	1	3

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
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TYPE II PERMIT NUMBER 290228	EXPIRATION DATE 10/01/2021	TELEPHONE NUMBER N/A
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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 568-0771 (6-10)

W.S.
DIRECTOR OF STATE PUBLIC HEALTH LABORATORY

R. Smith
DIRECTOR OF DEPARTMENT OF HEALTH AND SENIOR SERVICES

LAB 4 (6-10)

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

The following information is required for the determination of the alcoholic content of a breath sample 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.ilmoproducts.com

Certificate of Analysis

Certificate ID: 13021
Part #: BAC105L088T
Cylinder Size: 105L
Lot Number: 1402000A2
Expiration: 7/5/2022

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:	Distributed by:
Ethanol	288 ppm	+/-0.085 BAC(67288) (5:2 ppm)	NDIR	CMI Inc.
Nitrogen	Balance			316 East Ninth Street Owensboro, KY 42303 Phone 866-835-0690 www.alcoholtest.com

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

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
[Signature]
06-15-2020
Issuance Date



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 unit specified 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 set in it is the sole discretion and risk of the user. Liability shall be limited to established replacement cost of the material for service.

ISO/IEC 17025:2017 Accredited Laboratory