

FY 2021 Annual Report Department and Board Activities

(Pursuant to MCL 339.5217 of 2016 PA 407, and MCL 339.212 of 1980 PA 299)

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Prepared by
Keith Lambert, Director

Bureau of Construction Codes



GRETCHEN WHITMER
GOVERNOR



ORLENE HAWKS
DIRECTOR

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Executive Summary:

This annual report covers Fiscal Year 2021 from October 1, 2020 to September 30, 2021. Information about the programs within the Bureau of Construction Codes (Bureau) can be found in this report. In addition, this report is available at the following locations:

- The Bureau of Construction Codes website at: www.michigan.gov/bcc.
- The All About LARA section – Legislative Reports of the Department of Licensing and Regulatory Affairs website at: www.michigan.gov/lara.

The Bureau is located within the Department of Licensing and Regulatory Affairs (LARA) and oversees the licensing, investigations, and enforcement responsibilities of individuals licensed under the Skilled Trades Regulation Act (electricians, plumbers, mechanical contractors, boiler installer and repairers, and construction code inspectors) and the Occupational Code (residential builders). Each of the designated skilled trade and occupational professions are authorized through legislative action.

The mission of the Bureau is to assure that the built environment and the systems within are sound, safe and sanitary; building users' health, safety and welfare are protected; and that, through a coordinated program of code compliance, investigation and training, there is consistent application of standards.

Apart from the inspector registration, the remaining professions have a board consisting of licensed occupational or skilled trade professionals and public members. The board members are appointed by the Governor and typically serve for two consecutive terms.

The skilled trade boards make recommendations to the Department on complaints, sanctions for violations, appeals of Department decisions, and the issuance of final orders. The boards also provide advice for rulemaking and the determination of licensing standards. Each of the skilled trade boards function as a valuable source of institutional knowledge for the Department. In addition to the scheduled meetings, these boards may call special meetings whenever necessary to carry out their business or to hear public comment.

The occupational board is charged with the responsibility of licensing requirement interpretation, to promulgate rules to set minimal standards of acceptable practice, assess penalties for violation of the Act, and to make recommendations to the Department on approval or recognition of training and educational providers and programs.

Regulation of the skilled trades and occupational professionals come in two different levels of authorized practice:

- **Licensee** – means a person that is issued a license attained through successful passage of an examination and who also completed the requisite training, education, and/or experience.
- **Registrant** – means a person that is issued a registration and is engaged in learning and assisting of a skilled trade under the supervision of a licensee or a person issued a registration after completion of training, education, and/or experience.

Fiscal Year 2021 Budget

Construction Code Fund

State Employee Wages	\$ 4,850,006.06
Employee Benefits	\$ 3,116,381.50
Materials/Equipment, Other Contracts	\$ 1,368,886.59
Construction Code Fund Total:	\$ 9,335,274.15

Licensing & Regulation Fund

State Employee Wages	\$ 510,083.68
Employee Benefits	\$ 393,589.67
Materials/Equipment, Other Contracts	\$ 11,865.69
Licensing & Regulation Residential Builders Fund Total:	\$ 915,539.04

* Construction Code Fund covers the licensing of electricians, plumbers, mechanical contractors, and boiler installer and repairers, and the registration of construction code inspectors within 2016 PA 407. Additionally, the fund is also responsible for the bureau's code administration and enforcement in accordance with the Stille-DeRossett-Hale Single State Construction Code Act, 1972 PA 230.

** Licensing and Regulation Fund covers the licensing of Residential Builders within 1980 PA 299.

Licensing Statistics	Applications Received	Exams Administered	New Licenses Issued	Licenses Renewed	Total Licenses
Skilled Trades Regulation Act					
Boiler Installer License	64	74	33	1477	1510
Boiler Repairer License	14	8	4	107	111
Boiler Special Inspector License	21	0	15	120	135
Boiler Operator License	13	NA	5	350	355
Stationary Engineer Registration	9	NA	2	0	2
Boiler Certificates of Inspection/Operation Issued					9302
Boiler Permits Issued					3377
Boiler Inspections Conducted					12370
Building Official and Inspector Registration	253	NA	157	1407	1564
Electrical Inspector Registration	41	NA	36	0	36
Mechanical Inspector Registration	20	NA	8	0	8
Plumbing Inspector Registration	21	NA	19	0	19
Building Plan Reviewer Registration	92	NA	56	0	56
Electrical Plan Reviewer Registration	29	NA	23	0	23
Mechanical Plan Reviewer Registration	16	NA	7	0	7
Plumbing Plan Reviewer Registration	15	NA	14	0	14
Fire Protection System Inspector Registration	18	NA	16	0	16
Fire Protection System Plan Reviewer Registration	20	NA	17	0	17
Apprentice Electrician Registration	1900	NA	1672	5665	7337
Electrical Journeyman License	1175	1179	808	12317	13125
Master Electrician License	315	251	144	8608	8752
Electrical Contractor License	202	179	162	161	323
Fire Alarm Specialty Apprentice Technician	72	NA	51	141	192
Fire Alarm Specialty Technician License	45	44	37	554	591
Fire Alarm Contractor License	9	8	7	8	15
Sign Specialist License	15	10	7	248	255
Sign Specialty Contractor License	7	4	1	3	4

Licensing Statistics	Applications Received	Exams Administered	New Licenses Issued	Licenses Renewed	Total Licenses
Skilled Trades Regulation Act					
Mechanical Contractor License	491	1552	276	342	618
Ductwork	115	41	6	0	6
Fire Suppression System	34	65	14	0	14
Limited Heating	212	158	82	0	82
HVAC	371	512	178	0	178
Hydronic Heating and Cooling	171	185	69	0	69
Unlimited Heating Service	108	105	36	0	36
Limited Refrigeration & A/C Service	193	187	62	0	62
Unlimited Refrigeration & A/C Service	95	112	25	0	25
Refrigeration	115	75	34	0	34
Specialty License					
Solar Heating and Cooling	9	2	1	0	1
Solid Fuel & Vented Decorative Gas Appliances	17	18	3	0	3
LP Distribution	24	12	5	0	5
Fuel Gas Piping	45	39	13	0	13
Fuel Gas Piping and Venting	49	41	9	0	9
Apprentice Plumber Registration	1298	NA	1244	3050	4294
Journey Plumber License	516	656	330	3726	4056
Master Plumber License	146	187	94	122	216
Plumbing Contractor License	91	101	71	85	156
Licensing Statistics	Applications Received	Exams Administered	New Licenses Issued	Licenses Renewed	Total Licenses
Occupational Code					
Residential Builder Branch Office Company	15	NA	14	9	23
Residential Builder Company	750	NA	665	1541	2206
Residential Builder Individual	2167	2491	1264	3910	5174
Residential Builder Salesperson	275	490	244	328	572
Maintenance & Alteration Contractor Company	38	NA	32	69	101
Maintenance & Alteration Contractor Individual	180	166	71	136	207

REGULATORY ACTIVITY

Profession	Profession Sub Type	Complaints Received	Investigations Initiated	Investigations Closed
AIR	Unspecified-Lic AIR	0	151	182
Boiler	Installer	1	1	1
Builders	Unspecified-Lic Builders	337	323	126
Building	ACT 54 Official	20	20	20
Citizen	Unspecified-Lic Citizen	5	6	6
Electrical	Apprentice	1	2	2
Electrical	Contractor	9	7	7
Electrical	Journey	1	2	1
Electrical	Master	4	3	3
Electrical	Unspecified-Lic Electrical	14	18	17
Elevator	Unspecified-Lic Elevator	0	0	0
Inspector	Unspecified-Lic Inspector	3	4	4
Local Jurisdiction	Unspecified-Lic Local Jurisdiction	16	16	15
Manufactured Home	Community	187	257	217
Manufactured Home	Installer Servicer	1	1	1
Manufactured Home	Retailer	1	1	1
Mechanical	Contractor	23	16	14
Mechanical	Unspecified-Lic Mechanical	13	14	13
Plumbing	Contractor	6	7	6
Plumbing	Master	2	7	7
Plumbing	Unspecified-Lic Plumbing	18	21	20
Residential Builder	Branch Office	4	4	2
Residential Builder	Company	136	130	80
Residential Builder	Individual	202	192	136
Residential Builder	Individual Salesperson	12	10	1
Residential Builder	M & A Company	6	6	5
Residential Builder	M & A Individual	8	8	9

REGULATORY ACTIVITY

Board of Boiler Rules

The legislative authority for the Board of Boiler Rules is outlined in The Skilled Trades Regulation Act, PA 407 of 2016.

The Board of Boiler Rules consists of 14 members. The LARA director or the director's designee and 13 individuals appointed by the governor: 2 owners and users of boilers in this state, 1 owner and user of power boilers that operate at 1,000 p.s.i.g. or more, 2 who represent organized labor in this state that engage in the erection, fabrication, installation, operation, or repair of boilers, 1 water tube boiler manufacturer that does business in this state, 1 fire tube boiler manufacturer that does business in this state, 1 that represents a boiler insurance company that is licensed to do business in this state, 1 mechanical contractor in this state that has experience in the installation, piping, or operation of boilers, 1 boiler repair contractor in this state that is engaged in the business of repairing boilers by welding and riveting, 1 consulting engineer in this state who has boiler experience, 1 antique steam boiler owner and operator, and 1 public member.

Board Members as of 10/01/20

Term Expires

Michael Horton, Professional Member, Chairperson	07/30/24
Christopher Lanzon, Professional Member, Vice Chairperson	07/31/22
Garrett Jackson, Professional Member, Secretary	07/30/24
Ryan Randazzo, Professional Member	07/31/21
James Isom, Professional Member	07/31/24
Lawrence Black, Professional Member	07/31/22
Michael Card, Public Member	07/30/23
Ned Hawkins, Professional Member	07/30/23
Frank Wimmer, Professional Member	07/30/23
Dale Palmer, Professional Member	07/31/22
Glen Glidden, Professional Member	07/31/21
Donald Kronewitter, Professional Member	07/30/21
Brian Zayler, Professional Member	07/31/21
Keith Lambert, LARA Designee, Ex-Officio Member (voting)	

FY 2021 Schedule of Board Meetings

January 12, 2021 (Meeting Cancelled)
April 6, 2021 (Full Board Meeting)
July 27, 2021 (Meeting Cancelled)
September 28, 2021 (Meeting Cancelled)

2021 Board Actions

Examination Denial Appeals – Approved	0
Examination Denial Appeals – Denials	<u>0</u>
Total Board Actions	0

Board of Mechanical Rules

The legislative authority for the Board of Mechanical Rules is outlined in The Skilled Trades Regulation Act, PA 407 of 2016.

The Board of Mechanical Rules consists of the 15 members. The state fire marshal's designee and 14 residents of the state appointed by the governor: 1 who represents organized labor in the mechanical trade, 1 professional mechanical engineer who is a professional engineer in the state, 1 who represents an energy-producing public utility in the state, 1 HVAC Equipment Contractor, 1 who represents hydronic heating and cooling process piping, 1 who represents the mechanical license specialty work areas, 1 who represents ductwork, 1 who represents limited service heating and refrigeration, 1 who represents fire suppression, 1 who represents refrigeration service, 1 who represents unlimited service heating and refrigeration, 2 chief mechanical inspectors of a governmental subdivision, and 1 public member.

Board Members as of 10/01/2020

Term Expires

Jason Finch, Public Member, Vice Chairperson	07/30/23
Lorenzo Brown, Professional Member	07/30/24
Thomas Halligan, Professional Member	07/30/23
Dennis Mowbray, Jr., Professional Member	07/30/24
Michelle Hanlon Professional Member	07/30/23
Terry Gilligan, Professional Member	07/30/24
Daniel Grafmiller, Professional Member	10/01/19
Craig Howson, Professional Member	10/01/20
Robert Logan, Professional Member	10/01/19
Matthew Marsiglio, Professional Member	10/01/20
Vacant, Professional Member	
Mark Riley, Professional Member	10/01/19
Bruce Seiler, Professional Member	10/01/20
Timothy Sweeney, Professional Member	10/01/22
Jason Zorn, LARA State Fire Marshal Designee	

FY 2021 Schedule of Board Meetings

December 2, 2020 (Meeting Cancelled)
February 24, 2021 (Meeting Cancelled)
May 27, 2021 (Full Board Meeting)
August 18, 2021 (Meeting Cancelled)

2021 Board Actions

Examination Denial Appeals – Approved	0
Examination Denial Appeals – Denials	<u>0</u>
Total Board Actions	0

Electrical Administrative Board

The legislative authority for the Electrical Administrative Board is outlined in The Skilled Trades Regulation Act, PA 407 of 2016.

The Electrical Administrative Board consists of 10 members. The state fire marshal's designee and 9 residents of the state appointed by the governor: 1 who represents an insurance inspection bureau that operates in the state, 1 who represents an electrical energy supply agency that operates in this state, 1 electrical contractor that operates in the state, 1 master electrician who serves as a supervisor, 1 electrical journeyman, 1 chief electrical inspector of a municipality, 1 who represents distributors of electrical apparatus and supplies, 1 who represents manufacturers primarily and actively engaged in producing material fittings, devices, appliances, fixtures, apparatus, and similar products used as a part of, or in connection with an electrical installation, and 1 public member. The director of the department or authorized representative of the director is an ex-officio member without vote.

Board Members as of 10/01/2020

Term Expires

Scott Weaver, Professional Member, Chairperson	07/30/24
Donald Iverson, Professional Member, Vice Chairperson	07/31/21
Mashell Carissimi, Professional Member	08/10/21
Joseph Gillespie, Public Member	07/31/21
Keith Kurdziel, Professional Member	07/30/24
Aaron Cooper, Professional Member	07/31/22
Matthew Wolterstorff, Professional Member	07/31/22
Robert Werbrouck, Professional Member	07/31/22
Vacant, Professional Member	
Adam Krouse, State Fire Marshal Designee	
Keith Lambert, LARA Designee, Ex-Officio Member (non-voting)	

FY 2021 Schedule of Board Meetings

November 5, 2020 (Full Board Meeting)
February 11, 2021 (Full Board Meeting)
May 6, 2021 (Full Board Meeting)
August 12, 2021 (Full Board Meeting)

2021 Board Actions

Examination Denial Appeals – Approved	1
Examination Denial Appeals – Denials	<u>6</u>
Total Board Actions	7

State Plumbing Board

The legislative authority for the State Plumbing Board is outlined in The Skilled Trades Regulation Act, PA 407 of 2016.

The State Plumbing Board consists of 8 members. The LARA director or the director's designee, the director of the department of environmental quality or the director's authorized representative, and a member or employee of the drinking water and radiologic protection division of the department of environmental quality are ex-officio voting members, along with 5 United States citizens and residents of the state appointed by the governor: 2 licensed plumbing contractors who hold a master's license and have 10 years of experience as a plumbing contractor, 1 licensed master plumber who has 10 years of experience as a master plumber, 1 licensed journey plumber who has 10 years of experience as a journey plumber, and 1 public member.

Board Members as of 10/01/2020

Term Expires

Timothy Danielak, Professional Member, Chairperson	7/30/24
Mark Wiseley, Professional Member, Vice-Chairperson	7/30/23
Scott Kalchik, Professional Member	7/30/23
Paul Kurtzhals, Professional Member	7/30/22
Joseph Alfonso, Public Member	7/30/23
David DeYoung, EGLE Member of Drinking Water & Radiologic Protection Division	
Ernest Sarkipato, EGLE Member of Drinking Water & Municipal Assistance Division	
Keith Lambert, LARA Designee, Ex-Officio Member (voting)	

FY 2021 Schedule of Board Meetings

October 27, 2020 (Full Board Meeting)
February 4, 2021 (Meeting Cancelled)
April 21, 2021 (Meeting Cancelled)
August 4, 2021 (Full Board Meeting)

2021 Board Actions

Examination Denial Appeals – Approved	1
Examination Denial Appeals – Denials	<u>11</u>
Total Board Actions	12

Residential Builders' and Maintenance and Alteration Contractors' Board

The legislative authority for the Michigan Board of Residential Builders and Maintenance and Alteration Contractors is outlined in The Occupational Code, PA 299 of 1980.

The Michigan Board of Residential Builders and Maintenance and Alteration Contractors consists of 9 members. 4 builders, 2 contractors and 3 public members. The director of the department or authorized representative of the director is an ex-officio member without vote.

Board Members as of 10/01/2020

Term Expires

James Cowhy, Professional Member, Chairperson	03/31/24
Steven Swan., Public Member, Vice Chairperson	03/31/24
Nathan Demers, Professional Member	03/31/22
Donald Wood, Professional Member	03/31/25
Hassan Zayat, Professional Member	03/31/24
William Goble, Public Member	03/31/23
Herman Harris, Professional Member	03/31/23
Kenneth Stahl, Professional Member	03/31/24
Damien Nelson Public Member	03/31/20
Keith Lambert, LARA Designee, Ex-Officio Member (non-voting)	

FY 2021 Schedule of Board Meetings

November 10, 2020 (Full Board Meeting)
January 5, 2021 (Meeting Cancelled)
March 9, 2021 (Full Board Meeting)
May 18, 2021 (Meeting Cancelled)
June 29, 2021 (Full Board Meeting)
August 31, 2021 (Meeting Cancelled)

2021 Board Actions

Reprimand	0
Probation	0
Fine	2
Revocation	3
Fine & Revocation	3
Voluntary Surrender	0
Limited License	0
Suspension	0
Suspension & Fine	1
Restitution Ordered	3
Reinstatement Denied	0
Reinstatement Approved	0
Other	<u>1</u>
Total Board Actions	13