# FY 2020 Annual Report Department and Board Activities

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

## **December 31, 2020**

Prepared by Keith Lambert, Director

**Bureau of Construction Codes** 







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## **Executive Summary:**



This annual report covers Fiscal Year 2020 from October 1, 2019 to September 30, 2020. 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: <a href="www.michigan.gov/bcc">www.michigan.gov/bcc</a>.
- The All About LARA section Legislative Reports of the Department of Licensing and Regulatory Affairs website at: <a href="https://www.michigan.gov/lara">www.michigan.gov/lara</a>.

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 2020 Budget

#### **Construction Code Fund**

| Construction Code Fund Total: | \$<br>8,008,494.39 |
|-------------------------------|--------------------|
| Other Costs                   | \$<br>1,116,445.56 |
| Other Contracts               | \$<br>3,616.39     |
| Materials & Equipment         | \$<br>79,193.66    |
| Employee Benefits             | \$<br>3,013,280.64 |
| State Employee Wages          | \$<br>3,795,958.14 |
|                               |                    |

## **Licensing & Regulation Fund**

| State Employee Wages               | \$<br>466,273.79   |
|------------------------------------|--------------------|
| Employee Benefits                  | \$<br>363,394.30   |
| Materials & Equipment              | \$<br>15,109.96    |
| Other Contracts                    | \$<br>680.00       |
| Other Costs                        | \$<br>223,122.12   |
| Licensing & Regulation Fund Total: | \$<br>1,068,580.17 |



<sup>\*</sup> Construction Code Fund covers the licensing of electricians, plumbers, mechanical contractors, 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.

<sup>\*\*</sup> Licensing and Regulation Fund covers the licensing of Residential Builders within 1980 PA 299.

| Licensing Statistics                               | Applications Received | Exams<br>Administered | New Licenses<br>Issued | Licenses<br>Renewed | Total<br>Licenses |
|--|-----------------------|-----------------------|------------------------|---------------------|-------------------|
| Skilled Trades Regulation Act                      |                       |                       |                        |                     |                   |
| Boiler Installer License                           | 69                    | 56                    | 41                     | 1501                | 1542              |
| Boiler Repairer License                            | 15                    | 13                    | 8                      | 112                 | 120               |
| Boiler Special Inspector License                   | 19                    | 9                     | 9                      | 118                 | 127               |
| Boiler Operator License                            | 21                    | NA                    | 6                      | 399                 | 405               |
| Stationary Engineer Registration                   | 6                     | NA                    | 3                      | 0                   | 3                 |
| Boiler Certificates of Inspection/Operation Issued |                       |                       |                        |                     | 8347              |
| Boiler Permits Issued                              |                       |                       |                        |                     | 3199              |
| Boiler Inspections Conducted                       |                       |                       |                        |                     | 12138             |
| Building Official and Inspector Registration       | 274                   | NA                    | 203                    | 159                 | 362               |
| Electrical Inspector Registration                  | 46                    | NA                    | 44                     | 0                   | 44                |
| Mechanical Inspector Registration                  | 33                    | NA                    | 17                     | 0                   | 17                |
| Plumbing Inspector Registration                    | 21                    | NA                    | 23                     | 0                   | 23                |
| Building Plan Reviewer Registration                | 46                    | NA                    | 39                     | 0                   | 39                |
| Electrical Plan Reviewer Registration              | 27                    | NA                    | 27                     | 0                   | 27                |
| Mechanical Plan Reviewer Registration              | 19                    | NA                    | 15                     | 0                   | 15                |
| Plumbing Plan Reviewer Registration                | 12                    | NA                    | 12                     | 0                   | 12                |
| Fire Protection System Inspector Registration      | 25                    | NA                    | 19                     | 0                   | 19                |
| Fire Protection System Plan Reviewer Registration  | 25                    | NA                    | 21                     | 0                   | 21                |
| Apprentice Electrician Registration                | 1655                  | NA                    | 1471                   | 5442                | 6913              |
| Electrical Journeyman License                      | 998                   | 865                   | 631                    | 12136               | 12767             |
| Master Electrician License                         | 214                   | 143                   | 86                     | 8702                | 8788              |
| Electrical Contractor License                      | 143                   | 115                   | 115                    | 113                 | 228               |
| Fire Alarm Specialty Apprentice Technician         | 83                    | NA                    | 62                     | 120                 | 182               |
| Fire Alarm Specialty Technician License            | 43                    | 26                    | 22                     | 588                 | 610               |
| Fire Alarm Contractor License                      | 17                    | 15                    | 15                     | 8                   | 23                |
| Cian Canadalist Lineans                            | 14                    | 8                     | 4                      | 255                 | 259               |
| Sign Specialist License                            | 8                     | 9                     | 6                      | 4                   | 10                |



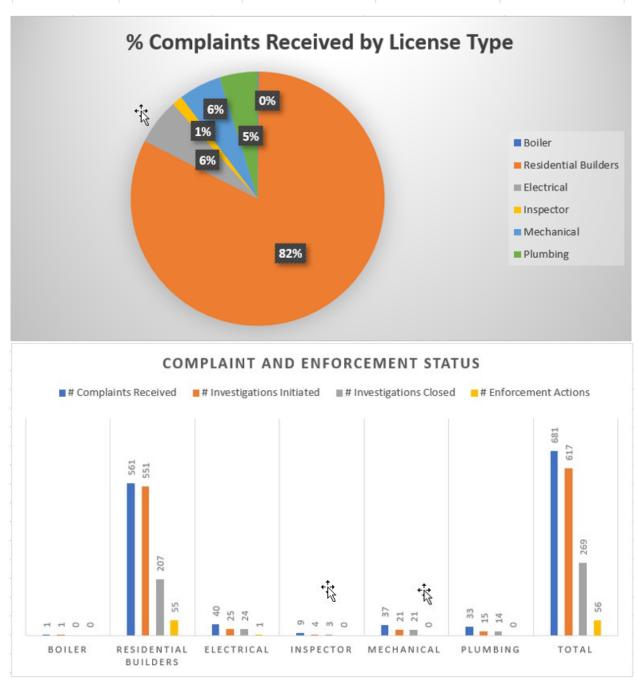
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December 31, 2020

| Licensing Statistics                           | Applications<br>Received | Exams<br>Administered | New Licenses<br>Issued | Licenses<br>Renewed | Total<br>Licenses |
|--|--------------------------|-----------------------|------------------------|---------------------|-------------------|
| Skilled Trades Regulation Act                  |                          |                       |                        |                     |                   |
| Mechanical Contractor License                  | 453                      | NA                    | 200                    | 772                 | 972               |
| Ductwork                                       | 116                      | 37                    | 6                      | 0                   | 6                 |
| Fire Suppression System                        | 33                       | 35                    | 5                      | 0                   | 5                 |
| Limited Heating                                | 196                      | 123                   | 76                     | 0                   | 76                |
| HVAC   | 334                      | 349                   | 126                    | 0                   | 126               |
| Hydronic Heating and Cooling                   | 175                      | 123                   | 56                     | 0                   | 56                |
| Unlimited Heating Service                      | 116                      | 84                    | 37                     | 0                   | 37                |
| Limited Refrigeration & A/C Service            | 194                      | 162                   | 58                     | 0                   | 58                |
| Unlimited Refrigeration & A/C Service          | 97                       | 71                    | 20                     | 0                   | 20                |
| Refrigeration                                  | 118                      | 75                    | 35                     | 0                   | 35                |
| Specialty License                              |                          |                       |                        |                     |                   |
| Solar Heating and Cooling                      | 12                       | 5                     | 3                      | 0                   | 3                 |
| Solid Fuel & Vented Decorative Gas Appliances  | 23                       | 9                     | 6                      | 0                   | 6                 |
| LP Distribution                                | 22                       | 9                     | 6                      | 0                   | 6                 |
| Fuel Gas Piping                                | 37                       | 13                    | 2                      | 0                   | 2                 |
| Fuel Gas Piping and Venting                    | 50                       | 25                    | 5                      | 0                   | 5                 |
| Apprentice Plumber Registration                | 1143                     | NA                    | 1091                   | 2872                | 3963              |
| Journey Plumber License                        | 413                      | 390                   | 182                    | 3672                | 3854              |
| Master Plumber License                         | 124                      | 149                   | 57                     | 114                 | 171               |
| Plumbing Contractor License                    | 62                       | 84                    | 52                     | 75                  | 172               |
| Licensing Statistics                           | Applications<br>Received | Exams<br>Administered | New Licenses<br>Issued | Licenses<br>Renewed | Total<br>Licenses |
| Occupational Code                              |                          |                       |                        |                     |                   |
| Residential Builder Branch Office Company      | 7                        | NA                    | 7                      | 164                 | 171               |
| Residential Builder Company                    | 909                      | NA                    | 825                    | 7241                | 8066              |
| Residential Builder Individual                 | 2304                     | 2025                  | 811                    | 30972               | 31783             |
| Residential Builder Salesperson                | 299                      | 456                   | 256                    | 502                 | 758               |
| Maintenance & Alteration Contractor Company    | 36                       | NA                    | 21                     | 397                 | 418               |
| Maintenance & Alteration Contractor Individual | 92                       | 10                    | 20                     | 904                 | 924               |



| License Type         | # Complaints Received | # Investigations Initiated | # Investigations Closed | # Enforcement Actions |
|----------------------|-----------------------|----------------------------|-------------------------|-----------------------|
| Boiler               | 1                     | 1                          | 0                       | 0                     |
| Residential Builders | 561                   | 551                        | 207                     | 55                    |
| Electrical           | 40                    | 25                         | 24                      | 1                     |
| Inspector            | 9                     | 4                          | 3                       | 0                     |
| Mechanical           | + 37                  | 21                         | 21                      | 0                     |
| Plumbing             | 33                    | 15                         | 14                      | 0                     |
| Total                | 681                   | 617                        | 269                     | 56                    |



## **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 10/01/19 **Term Expires** 7/30/24 Michael Horton, Professional Member, Chairperson Christopher Lanzon, Professional Member, Vice Chairperson 7/31/22 Ryan Randazzo, Professional Member, Secretary 7/31/21 James Arini, Professional Member 7/31/20 Lawrence Black, Professional Member 7/31/22 Michael Card. Public Member 7/30/23 Ned Hawkins. Professional Member 7/30/23 Garrett Jackson. Professional Member 7/30/24 Frank Wimmer. Professional Member 7/30/23 Dale Palmer, Professional Member 7/31/22 Vacant, Professional Member Vacant. Professional Member Brian Zayler, Professional Member 7/31/21 Keith Lambert, LARA Designee, Ex-Officio Member (voting)

#### FY 2020 Schedule of Board Meetings

October 1, 2019 (Full Board Meeting)
January 14, 2020 (Meeting Cancelled)
April 7, 2020 (Meeting Cancelled)
July 28, 2020 (Meeting Cancelled)
September 29, 2020 (Full Board Meeting)

#### 2020 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 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 10/01/2019  | Term Expires |
|---|--------------|
| Kenneth Misiewicz, Professional Member, Chairperson   | 10/01/19     |
| Robert Fosburg, Professional Member   | 10/01/19     |
| Christopher Freeman, Public Member  | 10/01/19     |
| David Galbreath, Professional Member  | 10/01/20     |
| Catherine Gay, Professional Member  | 10/01/19     |
| Terry Gilligan, Professional Member   | 7/30/24      |
| Daniel Grafmiller, Professional Member  | 10/01/19     |
| Craig Howson, Professional Member   | 10/01/20     |
| Robert Logan, Professional Member   | 10/01/19     |
| Matt Marsiglio, Professional Member   | 10/01/20     |
| Gerald Philo, Professional Member   | 10/01/20     |
| Mark Riley, Professional Member   | 10/01/19     |
| Bruce Seiler, Professional Member   | 10/01/20     |
| Timothy Sweeney, Professional Member  | 10/01/22     |
| Brian Williams, LARA State Fire Marshal Designee  |              |
| FY 2020 Schedule of Board Meetings  |              |
| November 20, 2019 (Meeting Cancelled) February 26, 2020 (Meeting Cancelled) June 3, 2020 (Full Board Meeting) |              |
| August 19, 2020 (Meeting Cancelled)   |              |

## **Electrical Administrative Board**



**2020 Board Actions** 

**Total Board Actions** 

Examination Denial Appeals – Approved

Examination Denial Appeals – Denials

0

<u>0</u>

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 10/01/201                                | Term Expires |
|--|--------------|
| Scott Weaver, Professional Member, Chairperson               | 7/30/24      |
| Donald Iverson, Professional Member, Vice Chairperson        | 7/31/21      |
| Mashell Carissimi, Professional Member                       | 8/10/21      |
| Joseph Gillespie, Public Member                              | 7/31/21      |
| Alan Kuipers, Professional Member                            | 8/10/20      |
| Aaron Cooper, Professional Member                            | 7/31/22      |
| Matthew Wolterstorff, Professional Member                    | 7/31/22      |
| Robert Werbrouck, Professional Member                        | 7/31/22      |
| Vacant, Professional Member                                  |              |
| Brian Williams, State Fire Marshal Designee                  |              |
| Keith Lambert, LARA Designee, Ex-Officio Member (non-voting) |              |

## FY 2020 Schedule of Board Meetings

October 31, 2019 (Full Board Meeting) February 13, 2020 (Meeting Cancelled) May 7, 2020 (Full Board Meeting) August 13, 2020 (Full Board Meeting)

#### 2020 Board Actions

| Examination Denial Appeals – Approved | 0  |
|---------------------------------------|----|
| Examination Denial Appeals – Denials  | _3 |
| Total Board Actions                   | 3  |

## **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 10/01/19

## **Term Expires**

| Timothy Danielak, Professional Member, Chairperson  | 7/31/21 |
|---|---------|
| Mark Wiseley, Professional Member, Vice-Chairperson | 7/31/20 |
| Scott Kalchik, Professional Member                  | 7/31/20 |
| Paul Kurtzhals, Professional Member                 | 7/31/22 |
| Paul Lemley, Public Member                          | 7/31/20 |

Dana DeBruyn, 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 2020 Schedule of Board Meetings

October 29, 2019 (Full Board Meeting) February 4, 2020 (Meeting Cancelled) April 21, 2020 (Meeting Cancelled) August 4, 2020 (Full Board Meeting)

#### 2020 Board Actions

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

## 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 10/01/19  | Term Expires |
|---|--------------|
| Sidney Browns Ir Bublic Member Chairnerson  | 3/31/20      |
| Sidney Browne Jr., Public Member, Chairperson John Kelly, Professional Member, Vice-Chairperson | 3/31/20      |
| William Adcock, Professional Member   | 0,0.,_0      |
| Kenneth Calverley, Professional Member  | 3/31/21      |
| Jeffrey Donius, Professional Member   | 3/31/20      |
| William Goble, Public Member  | 3/31/23      |
| Herman Harris, Professional Member  | 3/31/23      |
| Mark Wahl, Professional Member  | 3/31/21      |
| Matthew Zalewski, Public Member<br>Keith Lambert, LARA Designee, Ex-Officio Member (non-voting) | 3/31/20      |
| real Earnbert, Ertific Designee, Ex-Onicio Member (non-voting)                                  |              |

## **FY 2020 Schedule of Board Meetings**

November 5, 2019 (Full Board Meeting) January 7, 2020 (Meeting Cancelled) March 10, 2020 (Meeting Cancelled) May 19, 2020 (Meeting Cancelled) July 7, 2020 (Meeting Cancelled) August 18, 2020 (Full Board Meeting) September 1, 2020 (Full Board Meeting)

#### 2020 Board Actions

| Reprimand              | 0                |
|------------------------|------------------|
| Probation              | 0                |
| Fine                   | 12               |
| Revocation             | 6                |
| Fine & Revocation      | 7                |
| Voluntary Surrender    | 1                |
| Limited License        | 0                |
| Suspension             | 3                |
| Suspension & Fine      | 3                |
| Restitution Ordered    | 10               |
| Reinstatement Denied   | 0                |
| Reinstatement Approved | 0                |
| Other                  | _ <u>2</u><br>44 |
| Total Board Actions    | 44               |

