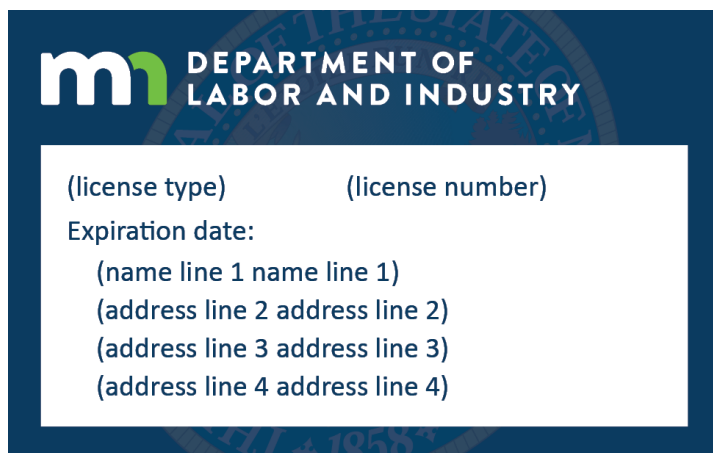


# CCLD REVIEW

Construction Codes and Licensing Division • Minnesota Department of Labor and Industry • Fall 2022

## New, durable plastic license cards

CCLD intends to begin printing many personal licenses on durable, rigid plastic cards. The change will make it easier for licensees to maintain their cards and for inspectors in the field to check individuals' licensing status.



A design mock-up of a plastic license card (subject to change).

## New licensing system launches in November

*Web-based portal will make it easier for licensees to update information, apply for and renew licenses*

In November 2022, Construction Codes and Licensing will replace its aging licensing system with a new platform that will allow for easier and more accessible interaction with DLI's construction licensing system.

The new system is part of the existing iMS program used for the agency's administration of its permitting, inspections, plan review and enforcement functions. The new system can be accessed from any device that connects to the Internet and will make it easier for licensees and registered unlicensed individuals to access and update their information. It will also send email reminders about license and registration expirations and the need for other updates, in addition to the postcards currently sent prior to license renewal deadlines.

## Next Building Official Limited and Accessibility Specialist Training Program is Oct. 24 to 28

Are you passionate about the construction industry but looking for a change of pace from your current job? It might be the right time to transition into a career as a building inspector or accessibility specialist.

Individuals interested in becoming a certified building official-limited or accessibility specialist must participate in a training class hosted by the department before taking the certification exam. Applicants for the certified building official-limited must qualify for the exam with relevant experience or education.

The Education unit of Construction Codes and Licensing will host the next Building Official-Limited and Accessibility Specialist Training Program from Oct. 24 to 28, 2022.

Trainings are conducted three times each year – spring, summer and fall.

View more information at [dli.mn.gov/workers/building-officials](https://dli.mn.gov/workers/building-officials) or contact us at [bolas.dli@state.mn.us](mailto:bolas.dli@state.mn.us).

# New Commercial Energy Code and Residential Energy Code hearing

DLI began the formal process to adopt ASHRAE 90.1-2019 with amendments as the Minnesota Commercial Energy Code by publishing a Dual Notice in the State Register on Sept. 19, 2022. Information about the proposed rule can be found at [dli.mn.gov/about-department/rulemaking/rulemaking-docket-minnesota-rules-chapter-1323-0](https://dli.mn.gov/about-department/rulemaking/rulemaking-docket-minnesota-rules-chapter-1323-0).

DLI held a hearing Aug. 23, 2022, to receive public input and testimony about whether it is appropriate to amend the existing Minnesota Residential Energy Code to adopt the 2021 International Energy Conservation Code (IECC). The testimony and comments provided by stakeholders on all sides of the issues was informative.

In mid-October, an administrative law judge will issue a Report and Recommendation for the commissioner's consideration as to whether it is appropriate to adopt the residential provisions of the 2018 IECC. The commissioner will then consider that input and the input provided by the public to decide about changes to the Minnesota Residential Energy Code.

Follow along with all of the agency's current rulemaking at [dli.mn.gov/about-department/rulemaking](https://dli.mn.gov/about-department/rulemaking).

## Schedule of board and council meetings

Below is a schedule of meetings for boards and council supported by CCLD.

Visit [dli.mn.gov/about-department/boards-and-councils](https://dli.mn.gov/about-department/boards-and-councils) to view meeting minutes, agendas, rulemaking documents and schedules for these meetings and additional boards and councils.

### Board of Electricity

- Nov. 1, 2022

### Plumbing Board

- Oct. 18, 2022

### Board of High Pressure Piping

- Oct. 13, 2022

### Construction Codes Advisory Council

- Sept. 29, 2022

### Interested in serving on a board or council?

Minnesotans are encouraged to apply for positions on state councils, boards, task forces and commissions through the Secretary of State's Open Commissions and Appointments process. Visit [dli.mn.gov/about-department/boards-and-councils](https://dli.mn.gov/about-department/boards-and-councils) for more information about how to apply.

*CCLD Review* is a quarterly publication of the Minnesota Department of Labor and Industry.

Receive email notification when an issue is available by [subscribing online](#).

## Contact information

### CCLD main contact info

Phone: 651-284-5012  
Toll-free: 1-800-657-3944  
Fax: 651-284-5746

Visit the [Contact Us](#) page

### Licensing information

[DLI.License@state.mn.us](mailto:DLI.License@state.mn.us)

### Business/contractor licenses and bonds:

651-284-5034  
(Including: electrical, HPP, plumbing, residential, manufactured structures, mechanical bonds, technology system, water conditioning)

### Personal licenses and certificates:

651-284-5031  
(Including: boiler engineers, electricians, plumbers, power limited technicians, pipefitters, unlicensed individuals, building officials)

### Electrical information

Phone: 651-284-5026  
Fax: 651-284-5746  
[DLI.Electricity@state.mn.us](mailto:DLI.Electricity@state.mn.us)

### Boiler, high-pressure piping, boats-for-hire inspection

Phone: 651-284-5544  
Fax: 651-284-5746  
[DLI.Code@state.mn.us](mailto:DLI.Code@state.mn.us)

### Plumbing information

Phone: 651-284-5063  
Fax: 651-284-5746  
[DLI.Plumbing@state.mn.us](mailto:DLI.Plumbing@state.mn.us)

### License enforcement details

Phone: 651-284-5069  
Fax: 651-284-5746  
[DLI.Contractor@state.mn.us](mailto:DLI.Contractor@state.mn.us)

### Contractor registration

Phone: 651-284-5074  
[DLI.register@state.mn.us](mailto:DLI.register@state.mn.us)

## Unlicensed contractor fined \$48,000 for repeat violation

- An unlicensed contractor operating out of Cottage Grove and Woodbury, who was previously ordered to cease and desist from engaging in unlicensed activities, was found continuing to engage in unlicensed building contractor activity. CCLD recently fined the unlicensed contractor \$48,000 and ordered him to cease and desist from the unlicensed activity, including unlicensed plumbing and electrical work.
- An unlicensed contractor operating out of Plato and Eden Prairie, Minnesota, and Mesa, Arizona, who was previously ordered to cease and desist from engaging in unlicensed electrical work, was found continuing to perform unlicensed electrical work. The unlicensed contractor was again ordered to cease and desist from the unlicensed activity and fined \$20,000.
- An unlicensed contractor operating out of Apple Valley and Eden Prairie was found to have engaged in unlicensed electrical and plumbing work, and acting or holding himself out as a residential building contractor, remodeler or roofer without a license. The contractor was ordered to cease and desist from the unlicensed activity and fined \$15,000.
- A licensed Blaine residential building contractor was found to have engaged in unlicensed plumbing work. The contractor was censured, fined \$2,500, and ordered to cease and desist from performing or offering to perform plumbing work in Minnesota.
- A Valley, Nebraska, contractor was found to have engaged in unlicensed high pressure pipefitter work. The contractor was ordered to cease and desist from the unlicensed activity and fined \$8,000, of which \$5,250 was stayed contingent on future compliance.



**Enforcement actions**  
View enforcement and license actions levied against licensees.

### More information

View summaries of enforcement actions at [dli.mn.gov/workers/homeowners/file-complaint-and-view-enforcement-actions](https://dli.mn.gov/workers/homeowners/file-complaint-and-view-enforcement-actions). Contact us at 651-284-5069 or [dli.contractor@state.mn.us](mailto:dli.contractor@state.mn.us).

## Contractors cannot offer to pay deductibles

State law prohibits contractors from offering to pay homeowners' insurance deductibles or offering anything of value as encouragement to enter into a contract to repair damage covered by an insurance claim.

Contractors are also required to include a written notification about the law in their "initial estimate" to make homeowners aware of the requirements. The initial estimate also includes price agreeable contracts. Insurance companies must also provide a similar written notification to homeowners in their initial correspondence about a claim.



Learn more, including example text for the required written notification, at [dli.mn.gov/business/residential-contractors/contractors-and-insurance-deductibles](https://dli.mn.gov/business/residential-contractors/contractors-and-insurance-deductibles).

### Questions?

Contact us at 651-284-5069 or [dli.contractor@state.mn.us](mailto:dli.contractor@state.mn.us).

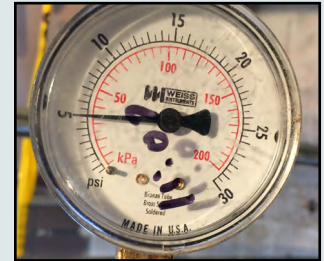
# Plumbing Code questions and answers

## What are the correct gauges for testing the sanitary sewer, storm sewer, drain, waste and vent as well as the water distribution system?

The purpose of the correct gauge is not only to measure the pressure but to also be able to visually measure if the piping is holding the required test or is leaking.

From the Minnesota Plumbing Code, Section 318.0, Test Gauges:

- **Pressure Tests (10 psi or less).** Required pressure tests of 10 pounds-force per square inch (psi) (69 kPa) or less shall be performed with gauges of 0.10 psi (0.69 kPa) incrementation or less.
- **Pressure Tests (greater than 10 psi to 100 psi).** Required pressure tests exceeding 10 psi (69 kPa) but less than or equal to 100 psi (689 kPa) shall be performed with gauges of 1 psi (7 kPa) incrementation or less.
- **Pressure Tests (exceeding 100 psi).** Required pressure tests exceeding 100 psi (689 kPa) shall be performed with gauges incremented for 2 percent or less of the required test pressure.
- **Pressure Range.** Test gauges shall have a pressure range not exceeding twice the test pressure applied.



See Sections 609.4, 712.0 and 723.0 for testing requirements.

## Does my plumbing piping need insulation? If so, how much?

The original printing of the 2020 Minnesota Plumbing Code by the International Association of Plumbing and Mechanical Contractors (IAPMO) included paragraph 609.11, Pipe Insulation, that addressed plumbing pipe insulation. The Minnesota Plumbing Board revised this section and eliminated this paragraph and renumbered Water Meters to be paragraph 609.11. However, this does not mean that plumbing piping does not need to be insulated. Instead, pipe insulation is addressed in the Minnesota Energy Code.

### Residential projects

For residential projects, hot water pipe insulation is in paragraph 403.4.2 Hot Water Pipe insulation (prescriptive). This explains which pipes need to be insulated as well as the insulation thicknesses requirements.

### Non-residential projects

For non-residential projects, insulation requirements depend on which standard applies to the building being built.

Multifamily buildings three stories or fewer above grade and commercial buildings can be built using either the 2018 edition of the International Energy Conservation Code (IECC) or ASHRAE 90.1-2016. The entire building must comply with one of these standards, not a combination of both (see Minnesota Energy Code Paragraph C401.2). Therefore, to determine insulation requirements, the plumber should work in coordination with the building designer and contractor to confirm which standard applies

If the building is to be built under the 2018 IECC, pipe insulation must meet the requirements of paragraph C404.4. For buildings being built under ASHRAE 90.1-2016, the plumber will need to look at paragraph 7.4.3 and Table 6.8.3-1.

### Questions?

[View the 2020 Minnesota Plumbing Code.](#)

[View staff contact information.](#)

## NFPA amendment changes for dwelling HVAC ground-fault protection requirements

Effective Sept. 1, 2022, a Tentative Interim Amendment (TIA) 20-19 was issued and approved by the NFPA Standards Council regarding Section 210.8(F) of the National Electrical Code (NEC). The TIA will change the current language found in Section 210.8(F) of the 2020 NEC that requires GFCI protection for outdoor 125 to 250-volt outlets, less than 150 volts to ground, at dwelling units. The relaxation of the requirement will allow installers to forgo the GFCI protection for any type of outdoor HVAC equipment until Sept. 1, 2026.

Due to the action taken at the NFPA Standards Council, DLI has elected not to enforce the 210.8(F) GFCI protection requirements for outdoor HVAC equipment at dwelling units.

View the Standards Council decision and revised 2020 NEC text at:

[www.nfpa.org/assets/files/AboutTheCodes/70/FD\\_D22\\_12\\_SC\\_22\\_8\\_16\\_d\\_e\\_f\\_NFPA\\_70\\_TIAs\\_1653\\_1654\\_1656\\_1657.pdf](http://www.nfpa.org/assets/files/AboutTheCodes/70/FD_D22_12_SC_22_8_16_d_e_f_NFPA_70_TIAs_1653_1654_1656_1657.pdf)

## New staff members in CCLD

### Electrical Inspections

Ronald Ditsch – state electrical inspector; covers Kittson, Roseau, Pennington and Marshall counties.

Austin Kurtz – state electrical inspector; covers Rock, Nobles and Pipestone counties

Jason Ekholm – state virtual inspector to support our new state inspection areas

### Elevator Inspections

Todd Cipala – elevator inspector; periodic inspections throughout the metro area

Jeff Kjeldahl – elevator inspector; periodic inspections throughout the metro area and southern Minnesota

### Building Plan Review

Chris Bitker – Bitker comes from the City of Bemidji where he served as the building official. His work in Bemidji provided him with a broad base of commercial construction experience.

View contact information for CCLD staff at

[dli.mn.gov/about-department/our-areas-service/phone-and-email-directory](http://dli.mn.gov/about-department/our-areas-service/phone-and-email-directory).



Elections are coming soon ... are you registered to vote in Minnesota?

You can check to see if you are registered to vote in Minnesota at [mnvotes.sos.state.mn.us](http://mnvotes.sos.state.mn.us).

You can register to vote at [sos.state.mn.us/elections-voting/register-to-vote](http://sos.state.mn.us/elections-voting/register-to-vote).