

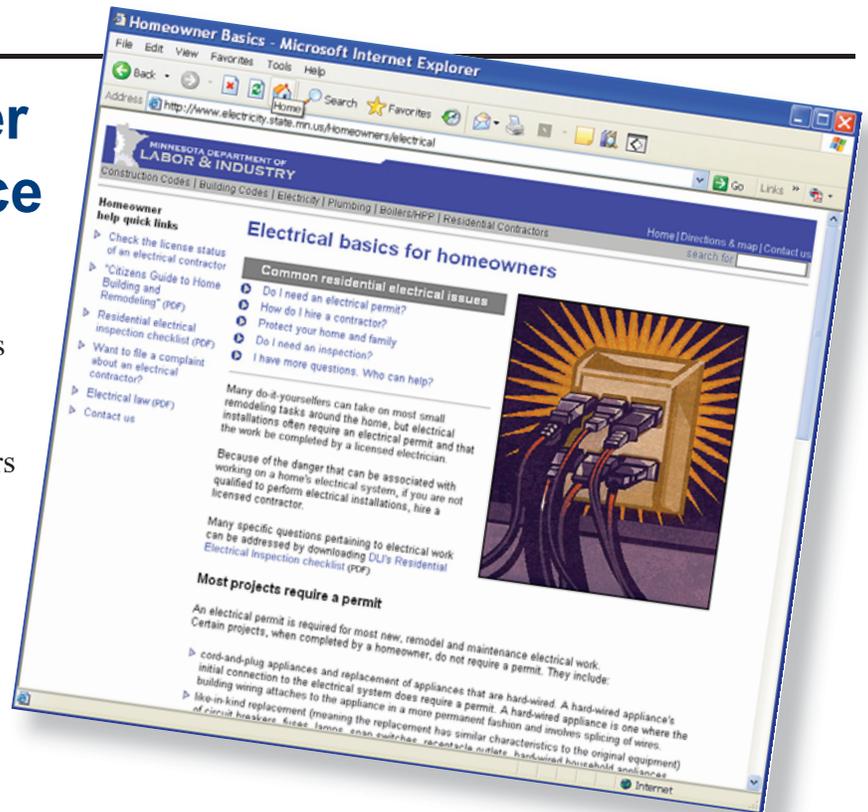
Online info

CCLD Web sites offer an array of assistance

Looking for a brochure? How about courses to meet license requirements for continuing education? Does a homeowner have questions about permit requirements to replace a stove? DLI's Web sites offer many resources for building officials, contractors and homeowners looking for help with construction or code questions.

Some of those resources include:

- Printable, color brochures on topics ranging from proper deck construction to rules for smoke alarms and carbon monoxide detectors at www.doli.state.mn.us/bc_residential.
- The department's electricity Web site now includes a portal specifically for homeowners. Questions about hiring contractors to inspections and permits are addressed at www.electricity.state.mn.us/Homeowners/electrical.
For homeowner questions about plumbing applications, visit www.doli.state.mn.us/pe_public.
- An extensive list of continuing education courses is available at www.doli.state.mn.us/rbc_continuingeducation and includes course title, location, date, how many continuing education hours the course offers and its sponsor.
- Are you interested in rules being drafted by DLI? Visit www.doli.state.mn.us/rulemaking_activity to view rulemaking information and changes that could affect all aspects of construction codes and licensing.
- The Web site dedicated to Minnesota building codes, www.mncodes.org, has also seen an overhaul. Now, it is easy to navigate its pages and state building code is divided by topic in an extensive "frequently asked questions" format.



Building officials, help us keep your contact information current

The state municipal building official list is online at www.doli.state.mn.us/pdf/bc_bo_list.pdf.

If a change is needed, please contact Peggi White at peggi.white@state.mn.us. Official notices are sent to building officials via e-mail.

Municipalities should also report Building Official designation changes to Peggi White at CCLD. More information and the applicable forms are online at www.doli.state.mn.us/bc_local_government.

Visit the [Contact](#) page to find phone numbers and e-mail addresses for DLI staff.

Bill would expand state building code across Minnesota

A bill currently before legislators ([Senate File 3291](#)) would establish the State Building Code as the standard across the state for all new construction and remodeling of all buildings regulated by the SBC in all municipalities, no matter what population.

Currently, only municipalities in the seven-county metro area, those that had a code on July 1, 1972, and those that have chosen to adopt the SBC are required to enforce it. That accounts for about 420 cities, 20 counties and 65 townships.

The SBC bill would clarify that those municipalities enforcing the SBC cannot repeal it unless they contain fewer than 2,500 people and are outside of the seven-county metro area.

This bill does not require any action by the municipalities that are not currently enforcing the SBC, and if they choose, they can pass an ordinance to enforce the SBC.

All exemptions listed in law remain, such as agriculture buildings being exempt from SBC requirements when located on agriculture land.

The SBC is comprised of the following codes that are not mandatory statewide today: commercial building, residential building, mechanical, energy and residential plumbing where it is on its own well and septic system.

The following codes are already statewide mandatory: electrical, elevator, accessibility, high-pressure piping, boiler, manufactured home and commercial plumbing.

This bill also amends the State Building Code to allow the limited use of ungraded lumber when certified by the lumber mill.

Progress of the bill can be viewed at www.senate.leg.state.mn.us by searching for Senate File 3291.



Sen. Tom Bakk, D-Cook, and Lisa Frenette, Builders Association of Minnesota, testify March 17 at a Senate hearing about file 3291 that would expand the state building code across Minnesota.

2008 code clean-up bill

During the 2007 session, a code bill was passed which codified the consolidation of five state agencies, modified licensing criteria for a number of industry professions, developed a new enforcement section for consistency of all licensed industry categories and created three authoritative boards (Electrical, High-Pressure Piping and Plumbing).

Last session, CCLD found pieces of its code bill in multiple bills, causing a final bill to be adopted that needed some cleanup. [The code bill for 2008](#) is a cleanup bill to correct the following:

- A majority of the updates are technical clean-up for minor wording changes.
- Four limited electrical license definitions have been added, moving from rule to law.
- In the new Plumbing and HPP Boards, public members were inadvertently required to be licensed plumbers or high-pressure pipefitters.
- The intent of the experience, bond and insurance for restricted plumbers license in municipalities of less than 5,000 population will be clarified.
- Section 326.94, had two amendments pass this past session; this bill clarifies which one is intended.
- The Construction Codes Advisory Council would be reinstated. It will be the umbrella council to advise the commissioner about new code and any amendments.

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

To receive e-mail notification about future issues of the *CCLD Review*, [subscribe online](#). Send any questions, story ideas or comments to dli.ccldreview@state.mn.us.

Contact information

CCLD main phone number
(651) 284-5012

CCLD staff phone numbers and e-mail addresses:
www.doli.state.mn.us/cclcontactus.html

Licensing information

DLI.Licensing@state.mn.us
Electrical: (651) 284-5031
Boiler: (651) 284-5080
Residential Building Contractors:
(651) 284-5034

Building Code information

Phone: (651) 284-5068
Toll-free: 1-800-657-3944
Fax: (651) 284-5749
TTY: (651) 297-4198
bcsd.response@state.mn.us

Electrical information

Phone: (651) 284-5064
Fax: (651) 284-5743
DLI.Electricity@state.mn.us

Boiler, High-Pressure Piping, Boats-for-Hire inspection

Phone: (651) 284-5544
Fax: (651) 284-5737
DLI.Code@state.mn.us

Plumbing information

Phone: (651) 284-5067
Fax: (651) 284-5748
DLI.Plumbing@state.mn.us

Residential Building Contractor information

Phone: (651) 284-5065
Fax: (651) 284-5749
DLI.Contractor@state.mn.us

New rules

Independent contractor changes are taking shape

The 2007 Legislature created a requirement that individuals in the construction industry who are working as independent contractors must have an exempt certificate beginning Jan. 1, 2009, or they will be considered employees who are subject to unemployment insurance and workers' compensation.

DLI is responsible for administering this program and will determine, based on an individual's application, whether

the worker can legally provide services as an independent contractor as well as provide enforcement of the proper use of the exemption certificates.

The agency is in the rule adoption phase to establish the information that will be required on the application. The draft rule will be available for comment shortly. Check www.doli.state.mn.us for new information as it becomes available.

Going up

Elevator owners must obtain permit

Amendments to the Minnesota Elevators and Related Devices Code and changes to Minnesota statutes made during the 2007 legislative session are being implemented by DLI's Elevator Safety Section.

State statutes now require owners of all elevator-related equipment to obtain an annual operating permit. An operating permit fee of \$100 must be submitted to DLI and renewed annually along with the submission of the results of any required testing.

The adoption of amendments to Minnesota Rules Chapter 1307, the Elevators and Related Devices Code, now provides that elevators and escalators are subject to annual inspection. This requirement is in addition to inspection of new installations and modifications to existing installations. Additional information is available at www.doli.state.mn.us/bc_elevators.html.



Seeing green

Groups discuss building 'green'

Construction Codes and Licensing officials and representatives from local and nationwide environmental groups met twice in February at DLI's St. Paul office to discuss how to make the building trade more environmentally-friendly.

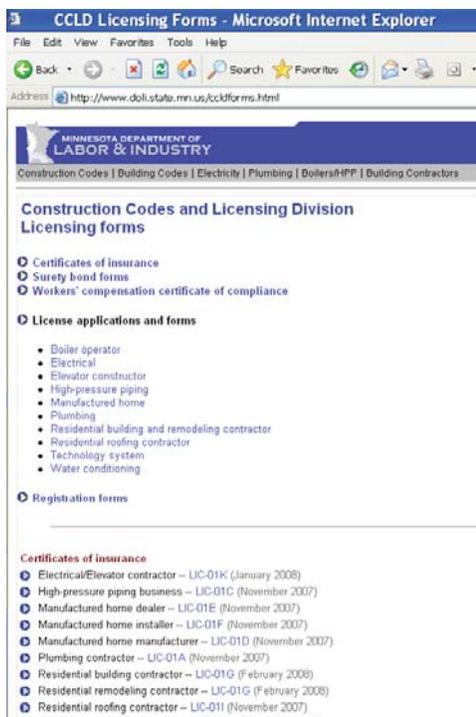


Participants from the Department of Labor and Industry and environmental groups discuss how to best motivate builders to embrace environmentally-friendly building techniques. The group's members also discussed how construction code could be updated to lessen impact on the environment.

The meetings have touched on many topics ranging from how to create new and alter existing building code to be more "green," to financing for homeowners and builders to allow widespread participation and motivation for environmentally friendly construction.

After more discussion, a letter recommending ways to move forward with "green" building practices will be sent to update state legislators.

Find it fast



Searching for a form?

Visit the recently-updated CCLD licensing forms Web page at www.doli.state.mn.us/cclforms.

Find documents that range from certificates of insurance to water conditioning license applications.

2008 National Electrical Code

When: April 2 — May 28
Where: Eight locations throughout Minnesota
Who: Electricians, building officials, contractors, electrical inspectors
Details: www.doli.state.mn.us/bc_education

Program questions

Phone: (651) 284-5845
E-mail: kelly.denno@state.mn.us

This one-day seminar titled "Significant Changes to the 2008 NEC and the Minnesota Electrical Act" is offered at eight locations throughout Minnesota and will be presented by electrical area representatives. It is approved for 2.5 CEUs for building officials and 8 hours for electrical licensing continuing education.

CCLD 2008 one-day spring seminar

When: April 1 — May 21
Where: 12 locations throughout Minnesota
Who: Building officials, inspectors, designers, contractors, installers,
Details: www.doli.state.mn.us/bc_education

Program questions

Phone: (651) 284-5845
E-mail: kelly.denno@state.mn.us

This one-day seminar will cover Chapter 1323, the proposed new Commercial Energy Code; Chapter 1322, the proposed new Residential Energy Code; and Chapter 1301, the new Construction Code Inspector Rules. The seminar will be presented by section staff at 12 locations throughout the state and is approved for 2.5 CEUs for building official continuing education.

Did you know?

Adhered masonry veneer requirements



Q:

How does the 2007 State Building Code address adhered masonry veneer?

A:

The 2007 State Building Code, which adopts the 2006 International Residential Code and the 2006 International Building Code, addresses these types of products in a similar manner.

IBC section 1405.9, titled “adhered masonry veneer,” states the veneer must comply with the applicable requirements in that section, and also sections 6.1 and 6.3 of ACI 530/ASCE 5/TMS 402. The IRC is a little more difficult to track since there is no separate section. Table R703.4 does however address adhered masonry veneer, but would imply that everything in the table is meant for anchored veneer which has a similar application as brick. Table R703.4 does, however, reference footnote “z” which is specific to adhered masonry veneer. IRC Table R703.4 footnote “z” points to the same document as the IBC which is ACI 530/ASCE 5/TMS 402 sections 6.1 and 6.3.

Q:

What are the specific code requirements for installation of adhered masonry veneer?

A:

The model code gives little direction, other than the IBC, which addresses if the product is used

in the interior, and supported with wood, then the deflection rating is required to be increased. Within the standard that is referenced in both the IRC and IBC, adhered veneer is addressed specifically in Section 6.1 and 6.3, Section 6.3.2.3 states that “... backing shall provide a continuous, moisture-resistant surface to receive the adhered veneer.”



The installation of adhered masonry veneer is addressed in the 2007 State Building Code, which adopts the 2006 International Residential Code and the 2006 International Building Code.

‘VENEER’ continues on Page 6

'VENEER' — Continued from Page 5

Did you know?

Adhered masonry veneer requirements

While this is a little vague, the general provisions of IRC R703.1 and IBC Section 1403.2 both state in part “... The exterior wall envelope shall be designed and constructed in a manner that prevents the accumulation of water within the wall assembly by providing a water-resistive barrier behind the exterior veneer.” The IRC then references Section R703.2 and the IBC points to Section 1404.2. Both sections are titled “Water-resistive Barrier.” Both the IRC and IBC state that a minimum of one layer of No. 15 asphalt felt complying with ASTM D226 or other approved water resistive barrier, shall be applied over studs or sheathing of all exterior walls.

There is no specific direction about how to install adhered masonry veneer products other than they need to be designed for differential movement and a weeps system as “specified in the standard.” There is no language on the clearance to grade, the type and weight of the lath, the lath attachment or a mix for the masonry that adheres the product to the substrate or lath. As a building official or designer,

manufacturer’s installation requirements and evaluation

reports, when available, are the only place to receive any direction for these types of products and or individual components.



Q:

Do the provisions for stucco apply to these types of adhered masonry veneer products?

A:

No. While it appears to be a similar application, the code addresses them differently. Manufacturer’s installation instructions will apply in almost all cases. ICC has acceptance criteria for precast stone veneer AC-51, this is minimum criteria a manufacturer must meet to gain an ICC evaluation report. AC-51 does not recognize the products the same as stucco either.

Not sure who to call at CCLD?

Visit the contact page at: www.doli.state.mn.us/cldcontactus. The CCLD phone and e-mail address list includes contacts for specific issues.



Sign up to receive rulemaking updates

DLI rulemaking information for CCLD is online at www.doli.state.mn.us/rulemaking_activity.html.

To receive notices of agency rule proceedings register at www.doli.state.mn.us/docs/rules_reqnotices.doc or print the Word document from the Web site, complete it and mail it as directed.

Have an electrical complaint?



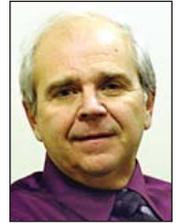
You can express electrical complaints in a proactive manner by reporting violations as a formal complaint.

For details, visit: www.electricity.state.mn.us/Complain/index.html.

Manufactured Structures

Anderson named SAA for housing program

On Jan. 30, 2008, Thomas Joachim, DLI assistant commissioner, assigned the title of State Administrative Agency for the HUD Manufactured Housing Program to Thomas Anderson, state building official and executive director of the Minnesota Construction Codes and Licensing Division. Randy Vogt remains the SAA designate/contact for the HUD Manufactured Housing Program in Minnesota. Minnesota has been a fully approved SAA for the HUD program since 1981, in accordance with National Manufactured Housing Construction and Safety Standards Act, Section 623.



Anderson



According to HUD and industry statistics, today's factory-built homes are the nation's leading provider of non-subsidized affordable housing and account for nearly 15-percent of all new single-family homes sold in Minnesota. According to a February 2008 article in *The Journal*, gross sales of goods and services in Minnesota in 2006 reached nearly \$1 billion.

CCLD approved for dispute resolution program

CCLD has been granted approval by HUD to have a Dispute Resolution Program in accordance with CFR 3288 for the enforcement and administration of dispute resolution. As of Feb. 8, HUD final rules Code of Federal Regulations 24, part 3288 established rules for dispute resolution for manufactured housing in the United States. Minnesota is one of 23 states with the program. The remaining states will have the program administered and enforced by the Department of HUD in Washington, D.C. **Randy Vogt**, supervisor of DLI's Manufactured Structures Section, is the designated administrator of the program in Minnesota.

The purpose of the Dispute Resolution Program is to implement the timely resolution of disputes between manufacturers, retailers and installers of manufactured homes. Dispute resolution includes issues regarding responsibility and the issuance of appropriate orders for the correction of repair of defects to protect the quality, safety, durability and affordability of manufactured homes. Disputes may be reported by homeowners, manufacturers, retailers, or installers within a one-year period from the date of installation of the home.

Continues on Page 8

Contractor license changes affecting local governments

Cities and counties are directly affected by changes to the statutes regulating residential building contractors from the 2007 legislative session.

Effective Dec. 1, 2007, cities must provide copies to DLI of all building permit applications submitted by property owners claiming to be building their own home. This requirement applies only to new residential construction and does not include permits for remodeling or home improvement, or permit applications submitted by licensed contractors.

New construction permit applications must be sent via fax to CCLD at (651) 284-5749 within two business days of submission to the city by the property owner. CCLD will maintain a list of all property owners who apply for permits in an effort to cut down on unlicensed spec home building. A suggested fax cover sheet for this purpose is available to cities. Requests for this form and questions about the new requirements should be sent to DLI.contractor@state.mn.us.

Although state law has always forbidden cities and counties from issuing building permits to unlicensed contractors, Minn. Stat. §326B.815, subd. 2, now requires local governments to ensure that a building contractor's state license is active before approving a building permit application. License verification can be done using CCLD online lookup, a phone call to (651) 284-5069 or an e-mail sent to DLI.contractor@state.mn.us. Local jurisdictions can still apply a permit surcharge of up to \$5 for each permit to cover the cost of license verification.

New license verification tool in development

CCLD is developing a new online building contractor license lookup that will be much more user-friendly than the current lookup based at the Department of Commerce. It will enable lookups based on criteria such as phone number, city, ZIP code and individual name. Look for the new service to be available this spring at www.doli.state.mn.us/contractor.html.

'Manufactured Structures' — Continued from Page 7

Manufactured home code still under review

The Construction Codes and Licensing Division, Manufactured Structures Section, continues to review MSBC 1350 (manufactured home code) for changes to be proposed in 2008.

HUD mandates to installation standards for manufactured homes nationally that go into effect on Oct. 20, 2008. HUD CFR 3285 is a national installation standard. When effective, it will require no manufacturer or state have standards of installation less than the minimum in CFR 3285. DLI's Manufactured Structures Section has members on the Manufactured Home Advisory Committee (MHAC), which was established in 2003 to review and promote code changes for the manufactured home industry in Minnesota. MHAC drafts and reviews proposed code changes for the MSBC Chapters 1350 to be forwarded to the State Building Official for approval to advertise for change to the MSBC.

The MHAC is represented by industry, public and government members. Construction Codes and Licensing Division voting members on the MHAC are Kevin Wilkins, Scott Wheeler and Randy Vogt. For more information about the MHAC, contact [Scott Wheeler \(651\) 284-5876](tel:6512845876) or [Randy Vogt \(651\) 284-5875](tel:6512845875).



Plumbing Board researching code updates

The Minnesota Plumbing Board has been meeting since November 2007 to work on changes to the Minnesota Plumbing Code and to create processes for review of code interpretation requests. To assist with its duties, the board created committees to consider requests for product review and code

amendments and interpretations.

Information about the Plumbing Board and committees, including duties, agendas and minutes of meetings, can be found at the board Web site www.doli.state.mn.us/pb.html.

Board considers amendments

The Plumbing Board is considering several amendments to Minnesota State Plumbing Code Chapter 4715, including:

- approving new materials and methods, which would increase the options for plumbing designers and installers,
- updating reference testing standards to stay current with references,
- correcting and clarifying existing rule language,
- amending cross-references to the plumbing code and other construction codes as necessary,
- updating installation requirements to stay current with changing health and industry needs,
- updating the state plumbing code for consistency with national plumbing codes.

Interested persons or groups may submit comments or information about these possible rule amendments in writing until further notice is published in the “State Register” that the Plumbing Board intends to adopt or to withdraw the rules. Board members hope to publish proposed rule amendments by fall 2008.

The board has not yet prepared a draft of the possible rule amendments. When completed, the draft and other information about the rulemaking will be posted online at www.doli.state.mn.us/rulemaking_activity.html.



Plumbing Board Chairman John Parizek conducts the Jan. 10, 2008, meeting of the state's Plumbing Board in the Minnesota Room at the Department of Labor and Industry in St. Paul.

Plumbing license requirements

Legislation passed in 2007 currently requires all persons working at the business of plumbing statewide be licensed.

Two new types of restricted licenses were created as part of that legislation. Workers with restricted master and restricted journeyman licenses may perform plumbing everywhere in the state except in cities with a population of more than 5,000. The deadline to apply has already passed. However, the 2008 Minnesota legislature is considering legislation that would reopen the opportunity to apply for a restricted license until Oct. 1, 2008.

Board contact person

Comments, questions, requests to receive a draft of the rule amendments when it has been prepared and requests for more information may be directed to:

Annette Trnka

443 Lafayette Road North

St. Paul, MN 55155

Phone: (651) 284-5860 TTY: (651) 297-4198

Fax: (651) 284-5749