



CODE WORKS!

WWW.MICHIGAN.GOV/BCC

WINTER 2009

ATTENTION READERS!

In an attempt to reach more organizations and individuals involved in code inspections, we're asking for your help in getting the word out! If you know of an organization or individual that would benefit from the information posted in BCC's newsletter, please direct them to our website at www.michigan.gov/bcc. Then, click on the "Publications/Bulletins/Interpretations/Advisories" link for more information on how to subscribe to and receive an electronic notification of when each quarterly newsletter is posted.

STATE HOLIDAY OFFICES CLOSED:

February 16

WORDS FROM DIRECTOR IRVIN J. POKE

This past year, the Bureau of Construction Codes (BCC) saw and underwent numerous changes. Some of which led to us seeing many friends and co-workers retire allowing for several changes in inspection and management staff. Included in these retirements were Henry L. Green, executive director and Mark Sisco, deputy director. Both had served approximately 20 years in their positions and had provided excellent leadership. It was on their watch that the Stille-DeRossett-Hale Single State Construction Code Act and the regulation of school construction became a reality. In their place, Beth Aben and I were appointed the privilege of becoming the Bureau's new deputy director and director respectively. Another change, and keeping Michigan in the national spotlight, was the election of Robert Aben, Chief of BCC's Boiler Division to the chair of the National Board of Boiler Inspectors.

On the legislative front, the Boiler Act was amended to allow contractors with a mechanical license to install exempt residential boilers without having a boiler contractor's license. Also, legislation passed to require carbon monoxide devices in hotels, motels, boarding houses and dwelling units. The bureau will be posting technical bulletins on its website for each of these issues soon.

In terms of code enforcement, the Michigan Uniform Energy Code was updated for residential construction which will provide energy cost savings for Michigan's residents in the coming years. For the 2008-2009 school year, BCC reviewed, permitted, inspected, and turned over occupancy for school construction projects in time for school openings without any major issues.

Implementing additional cost-saving changes allowed us opportunities to provide customers with more online services, for example having the ability to look-up the status of [affidavits of affixture](#) and to review our [Report of Assistance to Local Enforcing Agencies](#) tying directly to our [Statewide Jurisdiction List](#). Also, after receiving numerous calls for a list of current members, we posted the membership of each [board and commission](#) on our website. Finally, for those of you that have subscribed to this publication over the past several years, I am sure you noticed the new name and look of our newsletter. Primarily an online service now and with so many other changes happening, it seemed like a good time to give it a facelift as well.

Looking forward, we welcome the changes and challenges 2009 has to offer. To assist in our efforts, I encourage every permit holder to continue providing constructive feedback about our inspection services, so as a reminder, please keep completing [BCC's online field services survey](#). Further, I also encourage you to contact program managers about other services provided by the bureau.

Thank you for opportunity to serve you in 2008 and on behalf of the Bureau, best wishes for a prosperous 2009.

NEW DEPARTMENT OF ENERGY, LABOR & ECONOMIC GROWTH

The new Department of Energy, Labor & Economic Growth (DELEG) officially opened for business on December 29. This follows Gov. Jennifer M. Granholm's signing of [Executive Order 2008-20](#) on October 27, 2008, creating the DELEG. The new department will streamline state government by aligning all renewable energy and energy efficiency programs together and adding "Energy" to the former Department of Labor & Economic Growth's name in recognition of this concentrated effort. Granholm appointed her special advisor on renewable energy, Stanley "Skip" Pruss, as director and as the state's new chief energy officer to oversee the workforce and economic development efforts to prepare for Michigan's new energy economy. The new DELEG brings together state employees from the Department of Environmental Quality, the Energy Office, the Public Service Commission, and the Michigan Land Bank Fast Track Authority to work on energy related initiatives.

MICHIGAN DEPARTMENT OF COMMUNITY HEALTH

MERCURY – DOESN'T DO A BODY GOOD

Michigan Department of Community Health Division of Environmental Health

The Michigan Department of Community Health (MDCH) recently learned of a broken mercury thermostat, caused by a contractor, in a residential home. The spill was not cleaned up or reported to the homeowner and was not discovered for a week. By that time, two of the children had high levels of mercury in their blood and required medical attention. Prompt, proper cleanup of the mercury spill would have avoided the health risk posed to these children. And a timely cleanup can help avoid expensive cleanup costs.

MDCH would like to remind residential and commercial contractors about the hazards of liquid mercury. Although many people may remember playing with mercury when they were younger, mercury is a heavy metal that can harm human health, especially children's health. It is found in some thermostats and controls for HVAC equipment including hydronic and steam generating equipment. When liquid mercury, comes into contact with the air, it gives off vapors

that are invisible to the human eye. Breathing this vapor can cause health problems such as learning disorders, mood changes, seizures and kidney damage.

Here's what you should do. If you spill mercury while on the job, immediately report the spill to the building owner and call the local health department or MDCH for advice on cleanup. When possible, avoid using parts containing mercury. Michigan law banned the sale of mercury thermostats beginning January 1, 2009. It is also important to properly dispose of mercury. Check with your wholesaler or distributor to see if they participate in the thermostat recycling program. Mercury containing devices can also be disposed of at [Clean Sweep](#) sites or your county's [household hazardous waste](#) program.

For more information about mercury, go to the MDCH website, www.michigan.gov/mercury. If you have further questions or need more information about cleaning up a spill, contact MDCH at 1-800-648-6942.

BCC CONTACT INFORMATION

Telephone Numbers:

Administration (517) 241-9302
Office of Administrative Services (517) 335-2972
Office of Management Services (517) 241-9313
Boiler Division (517) 241-9334
Building Division (517) 241-9317
Electrical Division (517) 241-9320
Elevator Safety Division (517) 241-9337
Mechanical Division (517) 241-9325
Office of Local Government & Consumer Services (517) 241-9347
Office of Land Survey & Remonumentation (517) 241-6321
(includes State Boundary Commission)
Plan Review Division (517) 241-9328
Plumbing Division (517) 241-9330

Facsimile Numbers:

Administration & Office of Administrative Services (517) 241-9570
Office of Management Services & Plumbing Div. (517) 373-8547
Building, Electrical, Mechanical, Plan Review Div., OLGCS (517) 241-9308
Office of Land Survey & Remonumentation, Boiler & Elevator Safety Divisions (517) 241-6301

Mailing Addresses:

P.O. Box 30254 (Codes: general correspondence)
P.O. Box 30255 (Codes: permits, licenses, and other documents containing payment)
P.O. Box 30704 (Office of Land Survey & Remonumentation)
Lansing, Michigan 48909

BUILDING DIVISION

2003 MICHIGAN UNIFORM ENERGY CODE

**By Larry Lehman, Chief
Building Division**

In 2002, the Department of Labor & Economic Growth established a committee to review and update the Michigan Uniform Energy Code (MUEC). After review and promulgation of the code, the Ingham County Circuit Court issued an injunction to halt the February 28, 2005, effective date of the rules. Therefore, the rules have been pending litigation since that time. On October 24, 2008, this matter was before the court with a decision following to dismiss the complaint and dissolve the injunction; thereby making the rules effective immediately. Projects submitted for plan review and building permits on this date and after must comply with the 2003 MUEC.

It should be noted that this update of the energy code affects residential structures that are included in the scope of the 2006 Michigan Residential Code, (MRC) being detached one- and two- family dwellings and townhouses and their accessory structures. The energy code for all other buildings

and structures are governed by the ASHRAE/IESNA Standard 90.1-1999 as referenced by the MUEC, Part 10a.

Many questions have been raised related to the MUEC; therefore, the frequently asked questions have been captured and answers provided on the bureau's website at www.michigan.gov/bcc. The bureau will continue to answer questions or concerns as they arise.

Compliance with the MUEC may be demonstrated by any of the following paths:

- Prescriptive requirements of the MUEC including the Energy Analysis Comparison report.
- The International Energy Conservation Code
- U. S. EPA Energy Star Home Program
- HERS Guidelines
- [REScheck](#)

Questions related to this article can be directed to the Building Division at (517) 241-9317.

MECHANICAL DIVISION

MECHANICAL CONTRACTORS AND RESIDENTIAL BOILERS

**By Tennison Barry, Chief
Mechanical Division**

The Mechanical Division has received numerous questions from mechanical contractors as well as boiler contractors regarding the boiler rules effective November 6, 2006, and amendments made to the boiler law effective earlier this year. These were two separate changes to two separate documents.

When the boiler rules were changed, they simply required that anyone choosing to do annual tests required by ASME Code CSD-1 must have obtained a limited or unlimited service license issued by the Mechanical Division.

Since 1966, the boiler act has exempted from the requirements of law boilers in private residences and apartment buildings with less than six families except that individuals installing or repairing boilers in these locations had to be licensed under the boiler act. Effectively, permits were not pulled nor inspections received from the Boiler Division; however, one needed to be licensed by the Boiler Division which made policing the boiler installations difficult.

The change in the law has the effect of defaulting the licensing of individuals installing boilers in one- and two-family residences as well as apartment buildings with less than six families to the State of Michigan's Mechanical Division. In order to make these installations, the individual must have a mechanical contractor license, annotated with #1, classification Hydronic Heating and Cooling and Process Piping.

In conclusion, these are two different requirements (1) a change in the rules requiring a person that does CSD-1 testing to have a mechanical license in limited or unlimited heating service; (2) a change in the boiler law which gives the enforcement of boiler installations in one- and two- family residences and apartments with less than six families to the Mechanical Division.

Questions on this subject may be directed to Tennison Barry, Chief, (517) 241-9325.

ELEVATOR SAFETY DIVISION

VERTICAL OR INCLINED PLATFORM LIFTS AND STAIRWAY CHAIRLIFTS

**By Cal Rogler, Chief
Elevator Safety Division**

The Elevator Safety Division has been asked to provide the following information regarding the proper installation of vertical or inclined platform lifts and stairway chairlifts.

Some people are purchasing used (old) stairway chairlifts and platform lifts for installation into their buildings. The Michigan Building Code requires these elevating devices to comply with the current Michigan Elevator Laws and Rules. Please be aware that most, if not all, of these used (old) devices may not meet current code requirements. At present, these devices must comply with the American Society of Mechanical Engineers (ASME) A18.1-2003, Safety Standard for Platform Lifts and Stairway Chairlifts, and the Michigan Elevator Rules. There should be a Code Data Plate on the stairway chairlift or platform lift that indicates the A18.1 Standard to be used for inspection and tests. The older devices usually cannot be updated to meet the current requirements, and as such would not be approved for installation. Some building owners have lost money buying one of these used (old) devices only to find out it does not comply with the current requirements and will not be approved for installation.

Also, on occasion, building owners have purchased a residential device, and were then informed it would not be approved for installation in their building. Residential platform lifts and stairway chairlifts are not built to the requirements which would permit them to be installed in any building other than a single family residence.

Every vertical or inclined platform lift or stairway chairlift installed in any building must be installed to the requirements of the Michigan Elevator Rules. Before an installation may begin a State of Michigan licensed elevator contractor must obtain an approved "Elevator Installation Permit" from the Elevator Safety Division. A copy of the approved permit should be posted on the jobsite during the installation. The installation must be performed by a licensed elevator journeyman, working for the elevator contractor that obtained the installation permit.

Before the device may be used, it must be inspected by and tested in the presence of a general elevator inspector working for the Elevator Safety Division. The device must receive an approval from the elevator inspector prior to being placed into service and used.

If you are considering purchasing a vertical or inclined platform lift or stairway chairlift, be sure to carefully research the company before transacting business with them. Do not be afraid to ask to see their elevator contractor or elevator journeyman license to assure they have the proper license to install the device. This approach may end up saving you expenses in the long run.

If you have questions or concerns with regards to installing a either a vertical or inclined platform or lift stairway chairlift in your building, please contact the Elevator Safety Division at (517) 241-9337.

OFFICE OF LOCAL GOVERNMENT AND CONSUMER SERVICES

FISCAL YEAR 2008 UPDATE

**By Scott D. Fisher, Former Director (Recently Retired)
Office of Local Government & Consumer Services (OLGCS)**

During the past fiscal year, which ended September 30, 2008, OLGCS staff investigated, and resolved several hundred consumer complaints filed against licensees in the construction and manufactured housing industries. In 16 of these cases, licensing action was required. Seven individuals or companies had sanctions placed on their licenses and nine licenses were permanently revoked. These individuals and companies were also fined over \$45,000 for their actions. Detailed information relating to these cases can be obtained by reviewing the 2008 Disciplinary Action Report on our website at www.michigan.gov/bcc under Office of Local Government and Consumer Services.

If the first three months of Fiscal Year 2009 are an indicator of what is to come, 2009 will be a very busy and challenging year. On behalf of the entire staff, I would like to thank all of you for your support and cooperation throughout the year.

This article was provided by Scott D. Fisher, who recently retired after 17 years of service. On behalf of the department, we thank Scott for his service to the state of Michigan.

Questions regarding this article can be directed to OLGCS at (517) 241-9347.

ELECTRICAL DIVISION

APPRENTICESHIP REGISTRATION, RATIO, & TRAINING REQUIREMENTS

By **Dan O'Donnell, Chief**
Electrical Division

On September 16, 2008, the United States District Court for the Eastern District of Michigan at Bay City lifted an injunction on the requirements set forth in Michigan Compiled Laws 338.883e (2), (3), (4) of Public Act 217.

338.883e reads as follows:

Apprentice electrician; registration; form; certificate of registration; apprenticeship training program; apprentice electrician ratio.

Sec. 3e. (1) An individual employed as an apprentice electrician shall register with the board on a form provided by the board within 30 days after employment.

(2) The department of labor shall issue a certificate of registration to a person seeking registration upon satisfactory proof of the person's participation in a bona fide apprenticeship training program approved by the board. This program shall be equivalent to the requirements of those imposed by the United States department of labor bureau of apprenticeship and training, subject to subsection (3).

(3) Except as otherwise provided in subsection (4), the ratio of electrical journeymen or master electricians to registered apprentice electricians shall be on the basis of 1 electrical journeyman or master electrician to 1 registered apprentice electrician. The department of labor or an enforcing agency shall enforce the ratio on a jobsite basis.

(4) Notwithstanding subsection (3), in the case of a residential single family dwelling or a multifamily dwelling not exceeding 8 units per building, the department of labor or an enforcing agency shall enforce the apprentice electrician ratio on the basis of 1 electrical journeyman or master electrician to 2 registered apprentice electricians on a jobsite basis.

History: Add. 1990, Act 246, Eff. Mar. 28, 1991.

The law states simply, a ratio of one apprentice to one journeyman or master on all projects excluding residential. On residential and multi-family projects up to eight units, the ratio is 2:1. In addition, all electrical apprentices must submit proof of participation in a bona fide apprenticeship training program equivalent to the requirements of those imposed by the U. S. Department of Labor, Bureau of Apprenticeship and Training and approved by Michigan's Electrical Administrative Board.

The Bureau of Construction Codes (BCC), Electrical Division plans to implement the requirements incrementally. The stipulations for jobsite ratios of journey or master to apprentices will be enforced effective April 1, 2009, and all electrical contractors throughout the State of Michigan are required to comply with the ratios. The requirement for apprentices to participate in an approved apprenticeship training program, however, will take some time to implement. BCC is currently working with the Electrical Administrative Board to determine an appropriate course of action to approve training programs based on the Federal Bureau of Apprenticeship Training requirements; therefore, it has not yet established a date for the implementation of the training needs. All registered apprentices will be notified once the approved training programs are available and a date is set for apprentices to participate in an approved program. The Electrical Division is committed to ensuring that the requirements set forth in 1956 PA 217 are implemented fairly and that individuals and businesses understand the requirements.

Additionally, the following list includes the most common mistakes found when processing licensing and apprentice registrations. Please review this list to assure you are in compliance with the law.

1. Paying a master, journeyman or apprentice with a 1099. They must be on the company's payroll.
2. A master who signs documents for individuals who do not physically work for the company they are master of record for.
3. Contractors who do not employ a full-time master electrician.
4. Electrical contractors who are allowing unregistered apprentices to be on a jobsite. All apprentices must be currently registered in order to be on a jobsite.
5. Electrical contractors who are operating a business under a name that is different than what appears on their contractors license.

Any questions regarding electrical licensing or apprentice registration should be directed to the Electrical Division at (517) 241-9320.

OFFICE OF LAND SURVEY AND REMONUMENTATION

SUBDIVISIONS REQUIRE SPECIFIC DOCUMENTATION FOR REVIEW

By Keith Lambert, Director

Office of Land Survey & Remonumentation (OLSR)

According to Section 171 of the Land Division Act, after receipt of a plat, the Office of Land Survey and Remonumentation (OLSR) shall review the plat and within 15 days either approve the plat, if it conforms to all of the provisions of the act, or reject the plat and notify the proprietor in writing of the reasons.

In order for OLSR to perform thorough and efficient reviews of proposed plats, proper documentation must accompany all proposed plats; however, each type of plat requires certain information. All proposed plats are required to be submitted on the approved material, pursuant to Rule 104 of the Subdivisions of Land Rules, along with the state plat review fee and a traverse closure sheet.

Proprietor plats must be accompanied by an owner's policy of title insurance for all of the land included in the plat and any preliminary plat approvals required by statute. Depending on the development, the following may also be necessary: recorded easements, state issued construction permits, and deed restrictions imposed by a governmental reviewing authority.

An amended plat requires a recorded court judgment vacating, correcting, or revising the plat of record along with a title search of the land being altered. Lawfully existing easements of record and floodplain restrictions are additional documents which may be required before a review is initiated.

An assessor's plat must be accompanied by a municipal resolution authorizing the creation of the assessor's plat showing the cost of the plat and assessment of each parcel of land included in the plat. A current year's tax roll, recorded lot line agreements and proof of publication of the public notice of the ordered assessor's plat are also required documents.

Providing all relevant documentation with proposed plats will allow OLSR to perform reviews of plats as intended by the statute. This procedure should benefit all interested parties both by increasing the number of plats approved during the first review process thus allowing developers to market their lots in a more timely manner and by reducing the number of plats requiring additional reviews thus reducing staff time dedicated to reviews.

Questions can be directed to OLSR at (517) 241-6321.

BOILER DIVISION

BACKFLOW PREVENTERS WITH BOILERS

By Bill Vallance, Assistant Chief

Boiler Division

Boiler Rule 408.4187 states, "The boiler owner shall ensure that a boiler has proper connections to the potable water supply system to prevent contamination. The connections shall be as specified in the Michigan plumbing code, R 408.30701 to R 408.30796."

Low pressure boilers have design temperatures for hot water heat, steam heat, or process steam up to 250 fahrenheit. ASME has issued the following interpretation to the Boiler & Pressure Vessel Code, Section IV explaining the requirements for back-flow preventers with regard to designed pressure and temperature.

Interpretation: IV-07-03

Subject: HG-705, Feedwater and Makeup Water Connections Date Issued: April 5, 2007

File:06-949

Question: Is a separate check valve necessary if a backflow preventer, with dual check valves and an atmospheric vent, is installed in the dedicated feedwater backup water line of a Section IV boiler?

Reply: No, provided the backflow preventer with dual check valves and an atmospheric vent has a minimum pressure rating at least equal to the pressure stamped upon the boiler, and the temperature rating of the backflow preventer, including all internal components, shall be not less than 250°F (120°C).

When a backflow preventer is installed that has a temperature rating below the design temperature of the boiler, it must either be replaced with an acceptable model or a feed check valve with a proper temperature rating shall be installed between the boiler and the backflow preventer.

Questions or concerns may be directed to the Boiler Division at (517) 241-9334.

PLUMBING DIVISION

MEDICAL GAS PIPING INSTALLATIONS

By Robert Konyndyk, Chief
Plumbing Division

Recently, the bureau has received questions asking who has the responsibility for obtaining permits, providing supervision, making installations, conducting inspections, and conducting verifications for medical gas piping systems in accordance with State of Michigan requirements. The following will identify the documents addressing these matters and provide a summary of who performs the various functions.

The State Plumbing Act, 2002 PA 733 (Act 733) has several applicable references in the statute which address medical gas systems. Section 9 (b), includes medical gas systems within the definition of plumbing. Section 15 states, "Plumbing shall be performed by a licensed master or journey plumber"; however, there are a few exceptions such as sewer installations. Medical gas piping falls into part of the exception but is clarified by stating, "the installation of medical gas piping...shall be performed under the supervision of a licensed plumbing contractor." For that reason, the installer, while not being required to be licensed, shall be employed by the licensed plumbing contractor. Further Section 15 (1) requires the licensed plumbing contractor to obtain a permit for plumbing. Finally, Act 733 establishes a licensed master plumber shall be in charge and responsible for proper installation and conformance with the code.

The Stille-DeRossett-Hale- Single State Construction Code Act, 1972 PA 230 (Act 230) establishes the authority to develop codes through the rules process to protect the health, safety, and welfare of Michigan citizens. The Michigan Building Officials and Inspectors Registration Act, 1986 PA 54 (Act 54) established and regulates the registration of building officials and various inspectors.

The current plumbing code is the 2006 edition of the Michigan Plumbing Code (MPC). Several areas of the code are applicable to medical gas piping installations which include permits, inspections, and the mandate of enforcement provisions to standard NFPA 99C (Standard 99C). Permits in Section 106 further clarify administrative details of the basics found in Act 733. The licensed plumbing contractor

and supervising master plumber are identified on the Bureau of Construction Codes permit applications. Inspections and testing in the MPC are addressed in Section 107 which provides administrative detail for plumbing inspections to the inspector whose authority was granted by Act 54.

Chapter 13 of the MPC addresses nonflammable medical gases as meeting Standard 99C, Gas and Vacuum Systems. Documentation in the rules process substantiates that the most recent edition of NFPA 99C which is the 2005 standard edition is applicable. The standard addresses installers and verifiers. Inspectors witness the standard required tests and affirmation that the proper documentations are provided to assure compliance. For ease of discussion, the systems are considered as Level 1 healthcare facilities such as hospitals and Level 3 dental facilities.

Standard 99C requires installers be qualified in brazing which addresses the joining of copper the major piping product in medical gas systems. Installers and verifiers have specific tests which must be performed to assure safe systems. Verifiers conducting their testing shall be a party other than the installing contractor to assure there is no conflict of interest. Additionally, Standard 99C requires installers and verifiers to meet another standard which is ASSE Series 6000, Professional Qualifications Standard for Medical Gas Systems Personnel (ASSE 6000). Standard 99C text mandates installers meet standards portion 6010 and verifiers meet standards portion 6030. Installers and verifiers are certified by recognized agencies for their experience and training levels. Verification shall be conducted by an entity that has been certified in accordance with ASSE 6030 and not be the installer, or an employee of the installer. The verifier should be a third party with procedures and policies not in conflict with accepted business ethics and who adheres to all applicable laws. It is very important that the verifier be independent and renders findings unbiased. [Technical Bulletin No. 53](#) has been prepared discussing this issue and is available on the bureau's website.

Questions on these matters may be directed to Robert Konyndyk, Chief, (517) 241-9330.

PROVIDING FOR MICHIGAN'S SAFETY
IN THE BUILT ENVIRONMENT

PLAN REVIEW DIVISION

NEW BFD CODE REQUIREMENTS IN 2006 MBC

Todd Cordill, Chief
Plan Review Division

On August 1, 2008, the 2006 edition of the Michigan Building Code (MBC) went into effect statewide. Included in the 2006 MBC is the referenced standard 2003 edition of the ICC/ANSI A117.1 American National Standard for Accessible and Usable Buildings and Facilities. Within the 2006 MBC and 2003 ICC/ANSI A117.1 referenced standard are new requirements for barrier free design. Primary new requirements in the code itself address drinking fountains, recreational and sports facilities, and platform (wheelchair) lifts.

The requirements for drinking fountains are found in 2006 MBC, Section 1109.5. Subsection 1109.5.1 states, "No fewer than two drinking fountains shall be provided." It further states, "One drinking fountain shall comply with the requirements for people who use a wheelchair and one drinking fountain shall comply with the requirements for standing persons." This section has an exception that states, "A single drinking fountain that complies with the requirements for people who use a wheelchair and standing persons shall be permitted to be substituted for two separate drinking fountains." The number of drinking fountains required by this code section applies only to minimum plumbing fixture requirements in the 2006 Michigan Plumbing Code. Subsection 1109.5.2 states, "Where more than the minimum number of drinking fountains specified in Section 1109.5.1 are provided, 50 percent of the total number of drinking fountains provided shall comply with the requirements for persons who use a wheelchair and 50 percent of the total number of drinking fountains provided shall comply with the requirements for standing persons." The requirements for drinking fountains for both persons using wheelchairs and standing persons is a significant change from the 2003 MBC and the former 1998 ICC/ANSI A117.1 referenced standard that did not require both standing persons and persons using wheelchair heights.

Recreational and sports facility requirements in the 2006 MBC are contained in new code Subsections 1109.14.4.1

through 1109.14.5 These subsections address some exceptions to accessible features for bowling lanes, court sports, raised boxing or wrestling rings, raised refereeing, judging and scoring areas, and raised diving platforms. The exceptions have been added to Section 1109.14 because the baseline requirement for recreational and sports facilities in Section 1109.14 and Subsection 1109.14.3 is that accessible elements be provided. Subsections 1109.14.1 and 1109.14.2 address specific degrees of accessible elements for R-2 and R-3 uses or occupancies under the code. Sports team or player seating accessibility is addressed by Section 1108.2.2.4. This subsection requires, "At least one wheelchair space be provided in team or player seating areas serving areas of sport activity." This is a new requirement that addresses team or player "benches" that are customarily adjacent to a playing field or court but not always on the same level as the playing field, court, locker room, or dugout areas (depending on the particular sport).

One of the broad scope changes incorporated in the 2003 ICC/ANSI A117.1 referenced standard is the addition of physical dimensions and minimum facilities for plumbing elements and facilities for children's use. Section 604.10 describes and illustrates the dimensions for water closets and toilet compartments that are primarily for children's use. A number of additional changes have been made to general use water closets and toilet facilities in Sections 604.1 through 604.9. The water closet location dimensions have been revised as well as the size and configuration of wall mounted grab bars.

The items described in this article are not all inclusive of the barrier-free design changes in the 2006 MBC. Rather those items described provide an overview of some of the significant changes in both the building code and the referenced standard for accessibility.

Questions can be directed to the Plan Review Division at (517) 241-9328.

BOARD AND COMMISSION MEETINGS

<u>Meeting</u>	<u>Date</u>	<u>Time</u>	<u>Location</u>
Barrier Free Design Board	Mar 13, May 8	9:30 am	Okemos – Conf Room 3
Board of Boiler Rules	Mar 17	9:30 am	Okemos – Conf Room 3
Construction Code Commission	Mar 6, May 6	9:30 am	Okemos – Conf Room 3
Electrical Administrative Board	Apr 3	9:30 am	Okemos – Conf Room 3
Elevator Safety Board	Mar 27	9:30 am	Okemos – Conf Room 3
Manufactured Housing Commission	Apr 15	10:00 am	Okemos – Conf Room 3
Board of Mechanical Rules	Mar 18	9:00 am	Okemos – Conf Room 3
State Boundary Commission	Mar 19, Apr 16	1:30 pm	Okemos – Conf Room 3
State Plumbing Board	Feb 24, Apr 21	10:00 am	Okemos – Conf Room 1

LICENSE EXAMINATION DATES

<u>Examination</u>	<u>Date</u>	<u>Location</u>	<u>Deadline</u>
Boiler Installer and Repairer	Mar 11, 12	Okemos	Feb 13
Boiler National Board	Mar 4, 5	Lansing	Feb 13
Electrical/Fire Alarm/Sign Contractor	Mar 25 May 19	Okemos Okemos	Feb 25 Apr 21
Fire Alarm Spec. Tech./Sign Spec.	Mar 24	Okemos	Feb 24
Electrician - Journeyman	Feb 23, 24 May 12, 13	Okemos Okemos	Jan 23 Apr 14
Electrician - Master	Feb 26 May 14	Okemos Okemos	Jan 28 Apr 16
Elevator Journeyman	Mar 10 May 12	Okemos Okemos	Feb 17 Apr 21
Elevator Contractor/Cert. of Comp.	Mar 27	Okemos	Mar 6
Mechanical Contractor	Mar 24	Lansing	Feb 24
Plumbing - Contractor	Mar 2	East Lansing	
Plumbing - Master and Journey	Feb 25	East Lansing	

Dates and times are subject to change. Visit the BCC website for updates.

BCC ONLINE SERVICES

[Manufactured Home Affidavit of Affixture
Online Lookup](#)
[Online License Search](#)
[Disciplinary Action Report](#)
[Easy Access to Permit & License Verification](#)
[Statewide Search for Subdivision Plats](#)
[Statewide Search for Remonumentation Data](#)
[County Remonumentation Data Entry](#)
[Building System Approval Reports](#)
[Online Code Training Series](#)

BCC QUICK LINKS

[Online Permitting](#)
[Online License Renewals](#)
[Codes & Standards Order Form](#)
[Statewide Jurisdiction List](#)
[Local School Construction Enforcement List](#)
[Product Approvals](#)

CIVIL SERVICE WEBSITE

[State Job Postings](#)

Code Works! is a quarterly publication of the Bureau of Construction Codes within the Department of Energy, Labor & Economic Growth.

Editor in Chief

Beth Hunter Aben

Editor

Tracie Pack

Created under the authority of
1972 PA 230.



DELEG is an equal opportunity employer/program. Auxiliary aids, services and other reasonable accommodations are available upon request to individuals with disabilities.