

BULLETIN

SUMMER 2005

WWW.MICHIGAN.GOV/BCCFS



DIRECTOR'S COLUMN

HENRY L. GREEN

"Providing for Michigan's safety in the built environment."

That's our mission. It doesn't stop at inspecting the building or licensing the professionals that design and build the places we live, work, learn, play and worship; our commitment to safety goes beyond those things.

Since 2003, when fire safety functions were merged with the Bureau of Construction Codes to become the Bureau of Construction Codes and Fire Safety (BCCFS), the bureau has taken a comprehensive approach to building safety. Not only do we make sure all of the operating systems work in a building, we make sure those functions work together with the building design and fire safety systems to create a "life safety system." The systems together create a safer, more efficient building to operate, which is also designed to reduce the loss of life and property and maintain the value of the building.

On May 31, I had the opportunity to meet with several fire service organizations including the Michigan Association of Fire Chiefs, Michigan State Fireman's Association, Michigan Professional Fire Fighters Union, Michigan Fire Service Instructors Association, Michigan Fire Inspectors Society and the Michigan Chapter of the International Association of Arson

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PUBLIC HEARING - PROPOSED CONSTRUCTION CODE FEE SCHEDULE MODIFICATIONS

The Department of Labor & Economic Growth, Bureau of Construction Codes and Fire Safety, will hold a public hearing on Wednesday, August 3, 2005, at 9:30 a.m. at the office of the Bureau of Construction Codes and Fire Safety (BCCFS), Conference Room 3, 1st Floor, 2501 Woodlake Circle, Okemos, Michigan for the purpose of allowing all persons an opportunity to present data, views, and arguments relative to the proposed revisions to the building, electrical, mechanical, plumbing, plan review, premanufactured unit, and miscellaneous permit fee schedules. The proposed effective date of the fee schedules is January 1, 2006.

Copies of the proposed building, electrical, mechanical, plumbing, plan review, premanufactured and miscellaneous permit fee schedules may be obtained by visiting the bureau's web site at www.michigan.gov/bccfs. This notice is provided under the "What's New" section and provides a link to the fee schedules or by calling (517) 241-9313.

The public hearing for the proposed Construction Code Fee Schedule Modifications has been postponed. The current building, electrical, mechanical, plumbing, plan review, premanufactured unit, and miscellaneous permit fee schedules will remain in effect. All future proposed changes will have a new public hearing announcement posted on the bureau's web site at www.michigan.gov/bccfs.

PUBLIC HEARING - MICHIGAN CONSTRUCTION CODE, PART 11, PREMANUFACTURED UNIT RULES

A public hearing for Michigan Construction Code, Part 11, Premanufactured Unit Rules (ORR# 2005-022 LG), (requirement for inspection of relocated, used modular classrooms) is scheduled for August 23, 2005, at 1:30 pm., 2501 Woodlake Circle, Okemos, MI 48864, in Suite 116 conference room, 1st floor. The proposed effective date of the rule set is April 1, 2006.

The hearing is to receive public comments on the proposed amendments to update the Michigan Construction Code, Part 11, Premanufactured Units Rules, to provide direction for the inspection of and establish standards and requirements for used, relocated modular classrooms per PA 510 of 2004.

Copies of the proposed amendments may be purchased for \$3 by submitting a check or money order, made payable to: State of Michigan, to the Bureau of Construction Codes and Fire Safety, P.O. Box 30255, Lansing, Michigan 48909 or downloaded free from the bureau's web site at www.michigan.gov/bccfs, under the "What's New" section.

BREAKING NEWS.....

This September, Henry L. Green, Director, BCCFS, along with Don Pratt, Chair, Construction Code Commission and Ron Farr, Chair, State Fire Safety Board will appear on Consumer's Corner a cable show hosted by David Hollister, Director, Department of Labor and Economic Growth (DLEG).

The show will explain the comprehensive approach the bureau is taking in building and fire safety efforts. Look for the show to air on local cable access stations or visit the [DLEG web site](http://DLEG.web.site) to view an archived version.

NEWS FROM INSIDE THE BUREAU

DIRECTOR'S COLUMN, CONTINUED

Investigators. We discussed many of the fire safety initiatives that the bureau is currently involved with and how they integrate into the comprehensive approach to building and fire safety; some of those initiatives include the Homeland Security Training Symposium, the hydrogen cell fire safety initiative, the development of an elevator fire safety program, assessing the need for a fire safety aspect of secured adult foster care facilities, the coordinated code review for the Center for Medicare/Medicaid Services (CMS), the review of the Fire Safety Rules, new smoke alarm rules, school construction reviews and inspections, the school lockdown legislation, Building Safety Week and Fire Prevention Week outreach efforts, simplification of fire alarm/fire suppression licensing and the integration of fire inspectors into the construction review and inspection process.

Several more initiatives emerged during the meeting, which the bureau will review with the fire service organizations for the possible integration into the bureau's comprehensive approach to building safety. Some of those initiatives include developing elevator emergency rescue training, providing education to healthcare facility

staff on how fire alarm and suppression systems work during an emergency activation, publishing a technical bulletin to clarify smoke detector location when used in supply and return air systems, soliciting private funding for public fire education, developing and implementing a code education program for fire service personnel to assist in their understanding of construction regulations and how building systems work in fire situations, assisting associations in seeking fire fighter training grants distributed under federal programs and addressing fire inspector program approvals in the short term and determining actions necessary to implement a long-range program for training and registration of fire inspectors.

Another meeting is planned for November to evaluate progress on current initiatives and determine when and how to assume work on future initiatives.

The health, safety and welfare of Michigan's residents are the bureau's highest priorities. I am proud to stand with those in the fire service and building trades to ensure that we all can say we have worked to the best of our abilities to provide the safest buildings.

FOLLOWING PROTOCOL FOR CERTIFICATES OF OCCUPANCY

By Mark Sisco, Deputy Director
Bureau of Construction Codes and Fire Safety

The issuance of a Certificate of Occupancy (CO) is the final step in the inspection approval process following the completion of construction of a building or structure. The CO is issued by the building official after the work on the building permit has been satisfactorily completed and all other approvals (i.e. electrical, mechanical, plumbing, boiler and elevator) have been finalized.

Recently, the bureau has received feedback from certain parts of the state that COs are being routinely issued by building inspectors without final trade approvals for other building system components such as electrical, mechanical, plumbing, boiler and elevator. Such action would constitute a violation of the statute. Section 13 of the [Single State Construction Code Act, 1972 PA 230](#), as amended states in part:

“A certificate of use and occupancy shall be issued by the enforcing agency when the work covered by a building

permit has been completed in accordance with the permit, the code and other applicable laws and ordinances.”

To use a football analogy, the role of the building inspector is similar to that of a quarterback. It is the building inspector's/building official's job to ensure that all players on the team (i.e. code inspectors) have reviewed and approved their portion of the construction work including boiler and elevator prior to the issuance of the CO.

The effort to coordinate inspections of the various trades in certain areas of the state may be more challenging due to a split jurisdiction between local and state governments. However, the shared goal of protecting citizens in the built environment is not predicated on the degree of ease or difficulty in coordination of inspection approvals. The common interest must be to continue to work together to make sure every building and structure is absolutely safe prior to occupancy. Issuing COs prior to having final approvals in all trade areas compromises the public's safety.

MICHIGAN ADMINISTRATIVE RULES UPDATE

The bureau is accepting proposed code changes for the Code Advisory Committee review phase of the 2005 Boiler rules and 2005 Electrical code. Please use the [‘Proposed Code Change for 2005/2006’ form](#) to submit your suggested code changes. The form can be found on the bureau's web site at www.michigan.gov/bccfs under “What's New.”

Boiler Rules

The proposed rules will adopt the 2004 edition of the ASME code and the National Board Inspection Code. A committee of representatives from the industry is currently working to develop proposed language.

Construction Code Part 8 Electrical

The proposed rules will adopt the 2005 edition of the National Electrical Code. A committee of representatives from the industry is currently working to develop proposed language.

Construction Code Part 4 Building Code and Michigan Rehabilitation Code (Smoke Alarm) Public Acts 64 & 65 of 2004 require installation of smoke alarms in buildings constructed prior to November 6, 1974. A public hearing was held on June 2, 2005. It is hopeful these rules become effective March 1, 2006.

Elevator Rules

A public hearing was held on June 30, 2005. It is hopeful these rules will become effective December 31, 2005.

BOILER DIVISION

EMERGENCY BOILER REPAIR OR INSTALLATION

By Robert Aben, Chief
Boiler Division

Sections 17 and 18 of [1965 PA 290](#) require permits be secured before any boiler repair or installation work is performed. Section 18 provides relief in case of emergency maintenance to repair a boiler. Determination of an “emergency situation” is the responsibility of the boiler owner and typically happens after normal work hours, weekends and holidays. Such cases could be the failure of a boiler necessary for building heat during cold weather or failure of a power boiler necessary for providing steam for the production of electricity.

Upon determination that the situation is an emergency and repairs must be started before a permit can be secured, the boiler owner or licensed repair contractor **must attempt** to contact a

licensed inspector for verbal authorization. If the boiler is insured, contact the insurance company. If the boiler is uninsured, or contact with the insurance company fails, contact the state Boiler Division for approval to proceed. If the situation occurs during off hours, weekends or holidays, contact must be made on the next business day. Work may begin before contact is accomplished, but the owner must assure properly licensed individuals are performing the work.

Although section 17 of the law governing installations does not address emergency situations, the same rationale applies. If the situation is an emergency and the resolution is replacement of the entire boiler, then replacement may begin before a permit is secured; however, contact with a licensed inspector must be made as soon as possible. Questions may be directed to the Boiler Division at (517) 241-9334.

BUILDING DIVISION

INSPECTION REVIEW OF A FATAL NURSING HOME FIRE

By Brett Jensen, Fire Safety Inspector

One of the many responsibilities of the Bureau of Construction Codes and Fire Safety is fire safety inspections. The bureau enforces the minimum fire safety standards. Even in facilities that meet or exceed these standards, serious injuries and even death can occur, as in the following case of a fire in nursing home.

On March 26, 2005 at approximately 1:35 a.m., a fire occurred at a nursing home located in the northern part of the state. This fire occurred in a safely operated, fully sprinkled, code compliant building. The fire was located in a wing containing all ambulatory residents, but two people died. Not one injury occurred as a result of heat or the evacuation process, even though that included removing residents through windows containing broken glass. All injuries were directly attributed to the smoke generated by this otherwise insignificant fire. While staff failed to close the door to the room of origin, they did close all other doors while responding to the fire. This act at least allowed the residents to have a barrier between them and the fire.

The fire was relatively small in size but resulted in large amounts of smoke being generated. The fire was contained to the involved

unit heater/air conditioner in a resident room. Fire damage did not extend further than one to two feet from the unit heater.

In this case, the fire was extinguished through the building’s fire suppression system. During the investigation, it was observed that the fire had consumed less than 25% of the plastic materials involved, which is approximately six square feet of material. Yet, with this small amount of fuel, a large volume of toxic smoke was created. Without the early extinguishment provided by the sprinkler system, the amount of smoke generated could have been much worse.

This building was built to a higher standard than the State Fire Safety Rules require, and still two people died.

After a building receives approval for occupancy, many times that is the last time a fire safety inspector will visit the facility. It is critical building occupants are aware of how the life safety systems and design of the building work to protect the occupants and those systems should never be compromised.

Questions may be directed to the Building Division at (517) 241-9317.



Heating/air conditioning unit where fire originated.

ELECTRICAL DIVISION

RESIDENTIAL HVAC RECEPTACLES

By Virgil Monroe, Chief
Electrical Division

There seems to be some confusion as to whether a 120-volt, 15 or 20 ampere-rated convenience receptacle outlet is required within 25 feet of outside heating, ventilation and air conditioning (HVAC) equipment installed at ground level for a single-family dwelling. The 2003 Michigan Residential Code, Article E3801.11 clarifies the issue.

Article E3801.11 states, **“A 125-volt, single phase, 15 or 20 ampere-rated convenience receptacle outlet shall be installed for the servicing of heating, air-conditioning and refrigeration equipment located in attics and crawl spaces. The receptacle shall be accessible and located on the same level and within 25 feet of the heating, air-conditioning and refrigeration equipment. The receptacle outlet shall not be connected**



to the load side of the of the HVAC equipment disconnecting means and shall be protected in accordance with Section E3802.4.”

This section requires the installation of the receptacle if the HVAC equipment is installed in **attics and crawl spaces**. It is **not required** if the equipment is installed outside at ground level.

The 2002 Michigan Electrical Code, Article 210.63, requires the receptacle for HVAC equipment installed on any level, inside or outside of the building. However, the 2003 Michigan Residential Code is the applicable code for one and two family dwellings. Therefore, a convenience receptacle outlet is not required within 25 feet

of outside HVAC equipment installed at ground level for a single-family dwelling.

Questions may be directed to the Electrical Division at (517) 241-9320.

ELEVATOR SAFETY DIVISION

ELEVATOR RULES CHANGES

By Calvin W. Rogler, Chief
Elevator Safety Division

The Elevator Safety Division is in the process of updating the elevator rules to the most current safety standards. The code committee has reviewed all standards and Michigan elevator rules.

The American National Standard, Safety Code for Elevators and Escalators, currently in use is the American Society of Mechanical Engineers (ASME) A17.1- 2000. The division will be updating to the **ASME A17.1-2004** edition of that standard.

The Safety Standards for Platform Lifts and Stairway Chairlifts, currently in use is the ASME A18.1- 1999 including the A18.1a-2001 addenda. The division will be updating to the **ASME A18.1-2003** edition of that standard.

The Elevator Safety Division is presently using the American National Standard, Safety Standard for Belt Manlifts, ASME A90.1-1997, including the ASME A90.1a-1999 addenda, and ASME A90.1b-2001 addenda. This will be updated to the latest edition, which is the **ASME A90.1-2003**.

Currently, the American National Standard, Safety Requirements for Personnel Hoists and Employee Elevators for Construction and Demolition Operations, ANSI A10.4-1990, is the standard used for regulating personnel hoists. The division will be updating this to the **ANSI A10.4-2004**. This is the latest edition of the standard.

Copies of the standards are available by contacting the American Society of Mechanical Engineers at (800) 843-2763 or by contacting Global Engineering at (877) 413-5184.

The code committee work is complete and the proposed rules have moved forward. The changes to the Michigan Elevator Rules can be found on the [Bureau of Construction Codes and Fire Safety](#) web site.

It is anticipated the new rules will take effect by the end of this calendar year or the beginning of calendar year 2006. Please watch the bureau's web site for updates.

Questions may be directed to the Elevator Safety Division at (517) 241-9337.

SCHEDULE OF OFFT REGISTERED TRAINING ON LINE

Office of Fire Fighter Training has posted the most current list of fire service courses available in the state.

Check the list by going to http://www.michigan.gov/documents/dleg_bccfs_fftschd_86795_7.pdf on the Bureau of Construction Codes and Fire Safety web site under the Fire Fighter training page's 'Curriculum Services' section.

This list is updated weekly, check it often for the most current course listing.

A schedule can also be found on pages 6, 7, and 8 of the Bulletin.

STATE NFIRS ADMINISTRATOR

The Office of Fire Fighter Training is pleased to announce Rhonda Howard has been hired to fill the State NFIRS Administrator position previously held by Mary Nemeth, who retired last year. In addition to her NFIRS responsibilities, Rhonda is also the contact for updating the fire service directory and is the liaison for the Safe at Home Program and the Juvenile Firesetter Program.

Contact Rhonda at (517) 241-0691 or by e-mail at rkhovar@michigan.gov.

FIRE FIGHTERS' TRAINING COUNCIL HOMELAND SECURITY SYMPOSIUM

The Office of Fire Fighter Training (OFFT), in cooperation with the City of Detroit Fire Department (DFD) and Eastern Michigan University, sponsored the 2005 Michigan Homeland Security Training Symposium held at Cobo Hall in Detroit. The two-week symposium opened on June 6. The goal of the symposium, which was funded through a grant obtained by the DFD from the Office of Domestic Preparedness, was to provide training to first responders. Over 200 members of the fire service in Michigan attended and participated in fire fighting courses, including classes in trench rescue, rope rescue, response to terrorist bombings and awareness of weapons of mass destruction.

"Our office was thrilled to be asked to participate in this historical training event," said Joseph Grutza, Director, OFFT. "The Detroit Fire Department's willingness to open this symposium gives us the ability to train more fire fighters from all across the state. The result will be a more efficient response to emergencies."

Bureau of Construction Codes and Fire Safety (BCCFS) Director Henry L. Green addressed the participants on opening day. The bureau committed staff and assets to the success of this symposium.

In the afternoon, State Fire Marshal Andy Neumann sat on a homeland security panel. Andy was joined at the podium by Congressman John Conyers; Congresswoman Carolyn Cheeks-Kilpatrick; Tyrone Scott, Executive Fire Commissioner; and representatives from the police, FBI, FEMA, Coast Guard and others. Each panel member discussed his or hers' homeland security responsibilities. Fire Marshal Neumann reviewed Michigan's preparedness status and his involvement in assuring a safe and stable living environment.

"We were pleased to be able to deliver such high quality training to so many fire fighters and instructors," said Grutza. "This was an excellent example of the efficient use of a grant through the cooperative efforts of a local jurisdiction and the state of Michigan."

Question may be directed to the Office of Fire Fighter Training at (517) 373-7981

ACHIEVING NIMS COMPLIANCE

Departments wishing to implement the National Incident Management System (NIMS) program **must** include the following:

- Incorporate NIMS into existing training programs and exercises.
- Ensure federal preparedness funding supports state, local and tribal NIMS implementation.
- Incorporate NIMS into emergency operation plans
- Promote intrastate mutual aid agreements
- Coordinate and provide NIMS technical assistance to local entities, and
- Institutionalize the use of the Incident Command System (ICS).

For a department to implement these items, the following steps must be taken:

- Complete the course "National Incident Management System, An Introduction" IS 700.
- The local government must formally recognize NIMS by adopting legislation, executive orders, resolutions or ordinances formally adopting NIMS.
- Determine which NIMS requirements are already being met by the agency. A process should be developed to address gaps that still need to be resolved.
- A timeframe must be developed for full NIMS implementation. Agencies are encouraged to achieve full compliance during FY2005, ending September 30, 2005. If this is not possible, full compliance must be completed by September 30, 2006. After this date, federal preparedness assistance will be conditioned by full NIMS compliance.
- Institutionalize the use of the ICS consistent with the concepts taught by the Department of Homeland Security. The agency must use ICS across the entire response system.

Questions can be directed to Federal Emergency Management Agency/ NIMS at (202) 566-1600.

FIRE FIGHTERS' TRAINING COUNCIL

SCHEDULE OF MFFTC REGISTERED TRAINING AS

Special Attention: FF-I and/or II and Fire Officer I or II are retained on this list based on "End Date" to allow scheduling of re-tests and FF-I and/or II challenge tests. All other courses appear on this list based on "Start Date."

Fire Fighter - Basic

Fire Fighter I

Start Date	Time	End Date	Co	Location	Course Manager	Telephone
08/30/2005	6:00pm	12/19/2005	82	Taylor	Dennis Andrew	734-374-3213

Fire Fighter II Exam

Start Date	Time	End Date	Co	Location	Course Manager	Telephone
09/24/2005	8:00am	09/24/2005	51	Manistee	Mike Cederholm	231-889-5631

Fire Fighter I & II

Start Date	Time	End Date	Co	Location	Course Manager	Telephone
08/29/2005	9:00am	11/03/2005	63	Auburn Hills	Gary Pfundt	248-232-4580
09/24/2005	9:00am	09/24/2005	72	Roscommon	Gary Crum	616-447-2689

Fire Fighter I & II Exam

Start Date	Time	End Date	Co	Location	Course Manager	Telephone
08/27/2005	9:00am	08/27/2005	63	Auburn Hills	Gary Pfundt	248-232-4580
08/27/2005	9:00am	08/27/2005	23	Lansing	Gary Crum	616-447-2689
09/02/2005	7:00pm	09/03/2005	38	Brooklyn	Shawn Lutz	517-263-2108
09/17/2005	8:30am	09/17/2005	27	Watersmeet	Gary Crum	616-447-2689
09/24/2005	8:00am	09/24/2005	25	Swartz Creek	Deward Beeler	989-758-1912
09/24/2005	9:00am	09/24/2005	49	St. Ignace	Gary Crum	616-447-2689

Apparatus

Apparatus & Pump Operations - FFI & II

Start Date	Time	End Date	Co	Location	Course Manager	Telephone
08/08/2005	7:00pm	08/22/2005	44	Imlaly City	Kip Reaves	810-724-2135
08/12/2005	9:00am	08/19/2005	47	Pinckney	John Smilnak	734-462-4745

Driver Training

Start Date	Time	End Date	Co	Location	Course Manager	Telephone
08/05/2005	6:00pm	08/06/2005	08	Hastings	Richard Krouse	269-945-5384
08/08/2005	8:00am	08/11/2005	23	Eaton	Richard Meister	517-886-1164
08/22/2005	6:30pm	08/23/2005	09	Pinconning	Mark Newvine	989-893-6512
08/27/2005	9:00am	08/27/2005	63	Rochester Hills	Karl Holder	248-841-2711
09/07/2005	8:00am	09/15/2005	70	Holland	Arthur Mata	616-355-1021
09/13/2005	6:00pm	09/15/2005	75	White Pigeon	Charles Haines	269-435-2290
09/24/2005	8:00am	09/24/2005	09	Pinconning	Mark Newvine	989-893-6512

Fire Officer

Fire Officer I

Start Date	Time	End Date	Co	Location	Course Manager	Telephone
09/12/2005	8:30am	12/12/2005	82	Taylor	Dennis Andrew	734-374-3213
09/24/2005	1:00pm	09/24/2005	25	Swartz Creek	Deward Beeler	989-758-1912

Fire Officer II

Start Date	Time	End Date	Co	Location	Course Manager	Telephone
08/27/2005	8:00am	10/22/2005	09	University Center	Russell Holtman	989-686-9020

Hazardous Materials

HazMat First Responder - Awareness

Start Date	Time	End Date	Co	Location	Course Manager	Telephone
08/04/2005	4:00pm	08/04/2005	83	Cadillac	Theodore Weber	231-922-4930
09/13/2005	6:00pm	09/13/2005	30	Hillsdale	William Benson	517-229-5432
10/10/2005	8:00am	10/10/2005	63	Auburn Hills	Gary Pfundt	248-232-4580
11/17/2005	6:00pm	11/22/2005	82	Taylor	Dennis Andrew	734-374-3213

HazMat First Responder - Operations

Start Date	Time	End Date	Co	Location	Course Manager	Telephone
08/25/2005	6:00pm	08/28/2005	75	White Pigeon	Charles Haines	269-435-2290
09/09/2005	8:00am	09/11/2005	51	Manistee	Mike Cederholm	231-889-5631
10/10/2005	1:00pm	10/13/2005	63	Auburn Hills	Gary Pfundt	248-232-4580

Continued on next page.

SCHEDULE OF MFFTC REGISTERED TRAINING, CON'T.

Incident Command System

Start Date	Time	End Date	Co	Location	Course Manager	Telephone
08/01/2005	7:00pm	08/29/2005	58	Ottawa Lake	Terry Massingill	734-529-2117

Instructor Development

Educational Methodology

Start Date	Time	End Date	Co	Location	Course Manager	Telephone
08/20/2005	9:00am	08/21/2005	25	Linden	Dale Caten	810-750-1979
09/17/2005	8:00am	09/18/2005	70	Holland	Arthur Mata	616-355-1021

MFFTC Instructor Orientation

Start Date	Time	End Date	Co	Location	Course Manager	Telephone
08/13/2005	8:00am	08/13/2005	70	Holland	Arthur Mata	616-355-1021
08/13/2005	8:00am	08/13/2005	03	Allegan	Chad Tackett	269-694-4390
09/24/2005	9:00am	09/24/2005	25	Fenton	Deward Beeler	989-758-1912

Rescue

Advanced Vehicle Stabilization

Start Date	Time	End Date	Co	Location	Course Manager	Telephone
09/05/2005	6:30pm	09/12/2005	52	Palmer	Thomas Kidd	906-475-4144
09/19/2005	9:00am	09/26/2005	52	Ishpeming	Thomas Kidd	906-475-4144

Suppression

NIMS: ICS For The Fire Service

Start Date	Time	End Date	Co	Location	Course Manager	Telephone
08/06/2005	8:00am	08/07/2005	59	Greenville	Brian Blomstrom	616-754-9161

Flammable Liquids

Start Date	Time	End Date	Co	Location	Course Manager	Telephone
08/20/2005	9:00am	08/20/2005	47	Pinckney	John Smilnak	734-462-4745

Liquid Propane Gas Emergencies

Start Date	Time	End Date	Co	Location	Course Manager	Telephone
08/04/2005	6:30pm	08/04/2005	39	Galesburg	Brian Lincoln	989-835-4754
08/11/2005	6:30pm	08/11/2005	04	Alpena	Brian Lincoln	989-835-4754
08/25/2005	6:30pm	08/25/2005	32	Caseville	Brian Lincoln	989-835-4754
09/15/2005	6:30pm	09/15/2005	17	Sault Ste.Marie	Brian Lincoln	989-835-4754
09/20/2005	6:00pm	09/20/2005	63	Waterford	Brian Lincoln	989-835-4754
09/21/2005	6:00pm	09/21/2005	63	Waterford	Brian Lincoln	989-835-4754
09/28/2005	6:30pm	09/28/2005	09	Auburn	Brian Lincoln	989-835-4754

Introduction To Wildland Fire Suppression

Start Date	Time	End Date	Co	Location	Course Manager	Telephone
09/17/2005	9:00am	09/17/2005	03	Allegan	Kim Dufresne	269-685-0026

Office of Fire Fighter Training

Bureau of Construction Codes & Fire Safety
P.O. Box 30700, Lansing, MI 48909
Telephone 517-373-7981
Fax 517-335-4061

Region #1 - Marquette
Vacant, Region Supervisor
Contact Gary Crum - Region 2

Region #2 - Grand Rapids
Gary Crum, Region Supervisor
Office of Fire Fighter Training
2322 Fuller Ave. NE, Ste. 114
Grand Rapids, MI 49505
Telephone: 616-447-2689
Fax: 616-447-2668
gdcrum@michigan.gov

Region #3 - Saginaw
Deward Beeler, Region Supervisor
Office of Fire Fighter Training
411 East Genesee, 4th floor
Saginaw, MI 48607
Telephone: 989-758-1912
Fax: 989-758-1616
dbbelee@michigan.gov

Training Coordinators

1. Dick Caudill dcaudill@portup.com 906-358-4735
2. Bill Gammy 906-774-1297
3. Bill Rinkinen alswj@up.net 906-353-6039
4. Dan Hammerberg hammer@portup.com 906-497-5094
5. Dick Barnett ruthie@triton.net 231-536-2957
6. Lou Schombberger lsoumar@ncc2000.com 231-539-8225
7. Ed Diem 989-354-3946
8. Connie Daniels 231-825-0001
9. Bruce Peilettier 231-773-5998-x239
tiggerro@juno.net or 231-843-8291
10. Warren Hansen whansen@ci.big-rapids.mi.us 231-796-3842
11. Deward Beeler dbbelee@michigan.gov 989-758-1912
12. Bob Hill 248-693-9288
robertlindahill@aol.com
13. Ron Thomet ronaldthomet@2k.com 616-437-2340
14. Roger Caris rcaris@sbcglobal.net 269-945-2345
15. Pete Mata fmata@yahoo.com 616-355-1021
16. Kevin Gentry kgentry@tstcounsel.com 734-449-9999
17. Pete Zamora pzamoraz@hotmail.com 517-589-0324
18. Cassie Cotner pzamoraz@hotmail.com 610-694-9646
lanny.cassie@comcast.net
19. Craig Lear mtd204@hotmail.com 616-684-2974
20. Keith Weisgerber kweisgerber@sbcglobal.net 586-778-7623
21. Deward Beeler dbbelee@michigan.gov 989-758-1912

STATE OF MICHIGAN - FIRE SERVICE CONTACTS

In March 2003, to reduce costs, ensure consistent regulations and uniform standards, eliminate duplicative functions and improve efficiency for customers Governor Granholm merged the Office of Fire Safety with the Bureau of Construction Codes in the Department of Consumer and Industry Services – forming the Bureau of Construction Codes and Fire Safety.

Later, through Executive Order 2003-14, which created the Department of Labor and Economic Growth (formerly the Department of Consumer and Industry Services), the Governor transferred the Fire Marshal Division, Michigan State Police, to the BCCFS completing the reorganization of staff that oversee public buildings such as schools, colleges and universities as well as child care, adult foster care, correctional and health facilities to work more closely together within one bureau, to resolve issues more effectively and to better serve customers while keeping the health, safety, and welfare of Michigan's citizens as the highest priority. Below are fire service related contacts by responsibilities per department:

Department of Labor and Economic Growth Bureau of Construction Codes and Fire Safety

State Fire Marshal (517) 241-8847

Office of Fire Fighter Training (517) 373-7981

Fireworks permit information (517) 241-8847

Plan review and fire safety inspection functions

Plan Review Division (517) 241-9328

Building Division (517) 241-9317

Fire inspector training

Office of Firefighter Training (517) 373-7981

Fire inspector certification and continuing education

Office of Local Gov't and Consumer Services (517) 241-9347

*Fire alarm and fire suppression system installation,
documentation and certification (Act 144)*

Mechanical Division (517) 241-9325

Electrical Division (517) 241-9320

Fire extinguishing compound use and approval
State Fire Marshal (517) 241-8847

Hazardous chemicals in the workplace
State Fire Marshal (517) 241-8847

State Fire Safety Board (517) 241-8847

Department of State Police

Fire Investigation Services
1-888-684-FIRE (3473)

Arson Tip Line
1-800- 44-ARSON (27766)

Department of Environmental Quality

Above ground storage tank program
(517) 335-2690

Inspection of dry cleaning establishments
(517) 335-4586

F Y I
THE BUREAU OF CONSTRUCTION
CODES AND FIRE SAFETY'S ANNUAL
TRAINING IS SCHEDULED FOR
MARCH 7-9, 2006.

LAND SURVEY AND REMONUMENTATION

2004 AMENDMENTS TO THE LAND DIVISION ACT — PA 122, 525, AND 590

By **Maynard Dyer, Director**

Office of Land Survey and Remonumentation

On July 1, 2005, the procedure to obtain approvals for new plats of subdivisions was changed under the amended provisions of the [Land Division Act \(LDA\)](#). 2004 PA 525 created a new procedure for landowners to obtain the approvals necessary for the preliminary and final plat to create a new subdivision prior to offering lots for sale. The change requires simultaneous submittal of the preliminary plat to all reviewing agencies. Under the prior provisions of the LDA, preliminary plats could be submitted simultaneously or sequentially at the choice of the landowner.

The new provision also provides for a pre-application review meeting at the request of the landowner. A pre-application review meeting is an informal review of the landowner's concept plan before the preliminary plat is filed for approvals. Representatives from the municipality, county drain commissioner, and the county road commission can attend the pre-application review meeting. The Michigan Department of Transportation (MDOT) and the Michigan Department of Environmental Quality (MDEQ) must be informed of the pre-application meeting, if their review is required under section 115, 116 or 117 of the LDA.

The submission of the final plat for review and approval

process was also changed on July 1, 2005. Following final approval of the preliminary plat under section 120 of the LDA and completion of the final plat document by the surveyor and the landowner, a copy must be simultaneously filed with the county drain commissioner, county road commission, the municipality, and MDOT - if applicable. This differs from the past when these reviews were not required to be sequential. Once an agency has granted approval, the agency must sign the original final plat document.

In addition to the amendment under 2004 PA 525, which revised the plat approval procedure, two other amendments to the LDA were passed, 2004 PA 122 and 2004 PA 590. Act 122 amended the LDA requirements for posting a bond or surety for completion of road construction prior to the final plat being approved by the county road commission. Act 590 amended the LDA to provide a clear mechanism to extinguish public utility easements that are shown on plats without circuit court action. Properly signed documentation is recorded at the register of deed and filed with the Office of Land Survey and Remonumentation in the Bureau of Construction Codes and Fire Safety, Department of Labor and Economic Growth, to terminate the subject public utility easement.

Questions may be directed to the Office of Land Survey and Remonumentation at (517) 241-6321.

LOCAL GOVERNMENT & CONSUMER SERVICES

LICENSEES DISCIPLINED FOR FALSE INFORMATION

By **Scott Fisher, Director**

Office of Local Government and Consumer Services

In cooperation with the bureau's Mechanical and Plumbing Divisions, an eight-month investigation by the bureau's Office of Local Government and Consumer Services has resulted in licensing sanctions and civil penalties being imposed against two individuals and possibly a third.

The investigation found that two of the individuals provided false information to the Mechanical and Plumbing Divisions relating to the third individual's field experience. The person subsequently became licensed as both a mechanical and a plumbing contractor.

Based on the investigative findings, formal administrative complaints were issued against all three individuals who were

charged with violations of the [Forbes Mechanical Contractor Act](#) and the [state plumbing law](#).

Two of the three have entered into agreements with the bureau to avoid further litigation. The first agreement called for the surrender of the journey plumber license, a plumbing contractor license and mechanical contractor license. A fine of \$7,500 was imposed.

The second agreement led to the mechanical contractor license being placed on probation for two years, and the master plumber license placed on probation for three years. Additionally, a fine of \$5,000 was imposed.

In the third case, discussions of a settlement are ongoing.

Questions may be directed to the Office of Local Government and Consumer Services at (517) 241-9347.



LOCAL GOVERNMENT & CONSUMER SERVICES

INSPECTOR REGISTRATION AND CERTIFICATION

By Scott Fisher, Director

Office of Local Government and Consumer Services

The bureau's web site now contains a list of [approved continuing education programs](#) and applications for building officials, building inspectors, electrical inspectors, mechanical inspectors, plumbing inspectors, plan reviewers and fire inspectors for the 2002-2006 registration cycle.

This list will be updated after each meeting of the Construction Code Commission.

As outlined in the previous issue of the Bulletin, the bureau will be conducting fall training programs at the MTEC Center in Lansing. All divisions, except building, will be offering all new programs with new program numbers.*

Building Inspector Program

October 25, 2005

Construction Documents Filling in the Blanks

3 Hours Plan Review

Program number pending

Instructor Irvin Poke

Commercial Plan Review

4 Hours Plan Review

Program #10224

Instructor - Todd Cordill

October 26, 2005

Structural Engineering Concepts

3 Hours Technical

Program #10315

Instructors – Ike Sheppard and Marty Klein, Sheppard Consulting

Trusses

4 Hours Specialty

Program number pending

Instructors - Ike Sheppard and Marty Klein, Sheppard Consulting

January 24, 2006

Special Inspections

2 Hours Technical

Program #10219

Instructor - Bob Rabeler, Soils Materials & Engineers (SME)

Soils & Foundations

2 Hours Specialty

Program #10220

Instructor - Bob Rabeler, SME

Barrier Free Design Update

3 Hours Technical

Program number pending

Instructor – BCCFS staff person

January 25, 2006

Connections for Wood Construction

3 Hours Specialty

Program number pending

Instructor - Jerry Tuggle, Simpson Strong-Tie

Residential Plan Review

4 Hours Plan Review

Program #11010

Instructor – Larry Lehman

* Several of the building inspector programs have been offered previously.

Electrical Inspector Program

October 20, 2005

Conductor Sizing and Rating and Transformers

4 Hours Technical

Program #11320

Instructor - Truman Surbrook, Michigan State University

Oil and Gas Well Wiring Systems

2 Hours Specialty

Program #11349

Instructor - Doug King

Electrical Administrative Act – P.A. 217

1 Hour Administrative

Program #11346

Instructor - Virgil Monroe

October 21, 2005

Inspecting Exothermic Connections

2 Hours Specialty

Program #11348

Instructor - Art Cotsonika

Fire Pumps

2 Hours Specialty

Program #11337

Instructor - Bill Fox

Swimming Pools, Fountains and Hot Tubs

2 Hours Technical

Program #11308

Instructor - James Hennesey

P.A. 230 and the Electrical Code Rules Part 8

1 Hour Administrative

Program #11347

Instructor - Virgil Monroe

LOCAL GOVERNMENT & CONSUMER SERVICES

INSPECTOR REGISTRATION AND CERTIFICATION, CONTINUED

Mechanical Inspector Program

September 13, 2005

Construction Document Fill in the Blanks

3 Hours Plan Review

Program number pending

Instructor - Irvin Poke

Plan Review Questions & Answers

1 Hour Plan Review

Program number pending

Instructor - Irvin Poke

Commercial Kitchen Hoods NFPA 1996

3 Hours Specialty

Program number pending

Instructor - Kevin Kalakay

September 14, 2005

Basic Fire Suppression Inspection

3 Hours Specialty

Program #11357

Instructor - Don Welch

Michigan Mechanical Code 2003 Questions & Answers

4 Hours Technical

Program number pending

Instructor - David Adams

Plumbing Inspector Program

October 12, 2005

Grease Code & Grease Trap/Interceptors

2 Hours Specialty

Program #11340

Instructor - Wayne Harrison, Josam Company

CPVC Water Distribution

2 Hours Specialty

Program #11110

Instructor - Rob Lloyd, Noven Company

2003 Michigan Residential Code (Chapters 25 – 29)

3 Hours Technical

Program number pending

Instructor - Michael Evans

October 13, 2005

Macerating Toilets

2 Hours Specialty

Program #11127

Instructor - Robert Lechner, Saniflo

The Falcon Waterless Urinals

2 Hours Specialty

Program number pending

Instructor - Bill Stimer, Falcon Water Free

2003 Michigan Residential Code (Charter 30-32)

3 Hours Technical

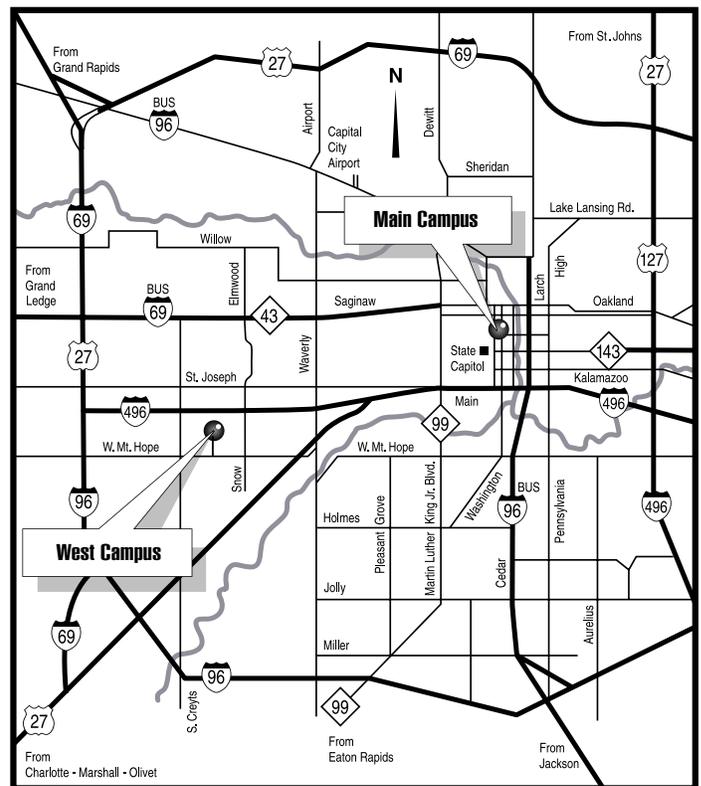
Program number pending

Instructor - Michael Evans

Contact the Office of Local Government and Consumer Services at (517) 241-9347 for class reservations.

Periodically updated information regarding fall training classes can be found on the "What's New" page of the bureau's web site.

Lansing Community College West Campus Map



From I-496:
Turn south on Creyts Road
to Mt. Hope
Turn left on W. Mt. Hope and
continue eastbound for
about 1/2 mile.
Turn left onto construction
entrance, next to Chapman Insurance Agency.

**LANSING
COMMUNITY
COLLEGE**
Where Success Begins
www.lcc.edu/workforce

MANUFACTURED HOUSING DIVISION

MANUFACTURED HOUSING COMMISSION MEMBERSHIP CHANGES

Governor Jennifer Granholm recently made the following appointments and reappointment to the Manufactured Housing Commission: **Brenda K. Abbey**, Jackson, succeeds F. Gerritt Veldman, whose term has expired; **Ronald A. Blank**, Bloomfield Hills, succeeds Sanford Green, whose term has expired; **Carole K. Elliott**, Ypsilanti, succeeds Edward Menczer, whose term has expired; **Mary M. Fowlie**, Bloomfield Hills, succeeds Creighton Weber, whose term has expired; **David P. Hagey**, Buchanan, succeeds C. Edgar Bryant, whose term has expired; **Kathy M. Edwards-Johnson**, Belding, succeeds Kamal Shouhayib, whose term has expired; **Brian W. Fannon**, Novi, reappointed for a term expiring May 9, 2007.

MECHANICAL DIVISION

INSTANT WATER HEATERS

By David Adams, Assistant Chief
Mechanical Division

The Mechanical Division has received a number of questions about gas fired instant water heaters and if they can be used for space heating. The answer is yes - if they are tested and listed for potable and space heating use and used in conjunction with an approved external heat exchanger; and the water heater is sized to meet temperature and volume requirements for potable water and the heating load.

At the time, there are no instant water heaters with an internal heat exchange that have been approved by the state of Michigan, Mechanical Board. Questions can be directed to the Mechanical Division at (517) 241-9325.

PLAN REVIEW DIVISION

FIRE WALLS AND STRUCTURAL STABILITY

By James M. Greene, Plan Review

The application of the Michigan Building Code to schools has generated some confusion concerning the proper use and detailing of firewalls. Section 705.2 of the 2003 Michigan Building Code, requires firewalls have sufficient structural stability under fire conditions to allow total collapse of construction on either side without collapse of the wall for the duration of time indicated by the fire resistance rating.

For the most part, new buildings have been designed to meet the code requirements. However, additions to existing buildings, which exceed the allowable area defined by Section 503.1 of the code, must be handled properly relative to the placement of required firewalls. A firewall shall be provided at the point of connection between the existing building and new addition. The designer may opt to provide a firewall within the existing building; however, a firewall meeting the structural independence requirements of the code must be provided.

The code also requires the firewall have structural stability. This means that all tributary structural members be either erected parallel to the firewall or be provided with a "slip-bearing connection," which will permit the structural member to pull away from the wall during collapse. Many existing masonry bearing wall designs do not allow for this movement, as many existing buildings were designed with the structure welded to a joist or beam bearing plate. In most cases these bearing plates are anchored to grouted masonry walls or a continuous bond beam. In the event of a tributary roof or floor collapse, this type of existing wall would collapse at the same time. Many design issues must be addressed at firewalls including possible expansion/contraction or movement of the roof/floor/ceiling structure at the wall, roof flashings etc. Keep in mind a firewall is not a simple fire barrier. Refer to the 2003 Michigan Building Code (Section 705) for other important minimum design criteria concerning firewalls.

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

Visit the Bureau of Construction Codes and Fire Safety web site at: www.michigan.gov/bccfs
for board and commission meeting dates and examination schedules.

PLAN REVIEW DIVISION

BOUNDLESS PLAYGROUNDS MAKE FUN ACCESSIBLE TO ALL CHILDREN

Remember as a child, the joy of your neighborhood playground? The swings, a slide, a jungle gym or monkey bars, maybe a baseball diamond or basketball court were all a part of that special place allowing children to be themselves. Children with special needs are no different, in they too, need a place to play.

With that thought in mind, a unique private/public partnership in Detroit has been formed to renovate Dad Butler Playfield, the first fully accessible, barrier free playground on the city's east side.

The Youth Sports and Recreation Commission and the Detroit Recreation Department are coordinating the renovation of the Dad Butler Playfield, which was selected for its strong community leadership, and the commitment of the residents to the area.

The Commission and the Detroit Recreation Department were inspired to construct a boundless playground because of the opportunity to serve all populations in the community, without

regard to disabilities or capabilities; involve the residents who will use the park in its planning, so they will take ownership of the park, help to maintain it, and assure its continual use; and create a "universally accessible, developmentally appropriate and sensory-rich" children's play area for the Detroit metropolitan communities.

The demand for this type of recreational space is evident as more than five million children in the United States have some type of disability, which makes it difficult or impossible for them to enjoy

traditional playgrounds. It is estimated, within the city of Detroit, there are nearly 16,000 children, ages 5-15, with sensory, physical or mental disabilities.

The total cost of the renovation project is \$575,000. As the lead agency, the Youth Sports and Recreation Commission received a challenge grant of \$200,000 from the *ABLE TO PLAY* project, which received a lead grant from the W. K. Kellogg Foundation of Battle Creek. A total of \$237,000 in additional contributions has been raised from the collaborative partners, including over \$30,000 raised by Community United for Progress.

In June, the W. K. Kellogg Foundation held its 75th Anniversary Youth and Education Seminar, *Able to Play: Mobilizing Communities for Children of All Ages* in Lansing, Michigan. The theme was 'Accessibility For All; Play Matters' with a presentation regarding building and working with Boundless Playgrounds by Jon Hockenberry, NBC correspondent. A field trip to the North Elementary School to view a recently completed Boundless Playground and presentations on how to make boundless playgrounds happen were included. There was a guest appearance by Jackie Joyner-Kersey, former Olympian and keynote speaker at the seminar's dinner.



LICENSE EXAMINATION SCHEDULE

Examination	Date	Location	Deadline
Boiler Installer and Repairer	Aug 31, Sept 1	Okemos	Aug 6
Boiler National Board	Sept 7, 8	Okemos	Aug 5
Electrical/Fire Alarm/Sign	Sept 22	Escanaba	Aug 24
	Oct 19	Okemos	Sept 21
Electrician - Journeyman	Sept 21	Okemos	Aug 23
Electrician - Master	Sept 22	Escanaba	Aug 24
	Oct 27	Okemos	Sept 29
Elevator - Cont./Cert. of Comp.	Sept 30, Nov 9	Okemos	Sept 9, Oct 19
Elevator Journeyman	Oct 11	Okemos	Sept 20
Mechanical Contractor	Sept 7	Lansing	Aug 9
Plumbers - Contractor	Sept 21	East Lansing	
Plumbers - Master and Journey	Sept 7	East Lansing	

Dates and times are subject to change. Visit the [BCCFS web site](http://www.bccfs.org) for updates.

PLAN REVIEW DIVISION

HANDRAILS IN FOLDING BLEACHER SYSTEMS

By Todd Cordill, NCARB, Assistant Chief
Plan Review Division

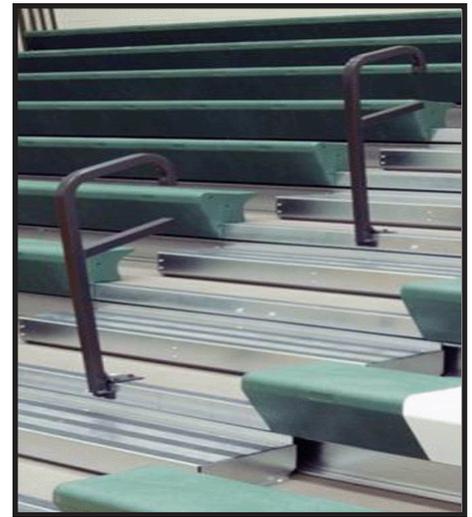
Aisle handrails for folding bleacher systems have recently been the subject of inquiries from manufacturers to the bureau. Specifically, the inquiries relate to discontinuous handrails that are attached to the steps of folding bleacher systems. Handrails need not be disconnected from the bleacher steps for storage purposes that do not have rounded bends or terminations.

The 2003 Michigan Building Code, Section 1009 Stairways and Handrails addresses handrails in subsection 1009.11 with respect to height, continuity, and graspability. In the section, handrail extensions are required to “return to a wall, guard or a walking surface or shall be continuous to the handrail of an adjacent stair flight.” Section 1024 of the code states the handrail shall have

rounded bends or terminations.

Unless such handrails have rounded bends or terminations, a person’s clothing or handbag can become caught on the railing resulting in injuries.

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



*These handrails **DO NOT** meet Michigan Building Code specifications.*

HOW TO FILE A COMPLETE DECISION OF APPEAL

By Irvin J. Poke, AIA, Chief
Plan Review Division

A local construction board of appeals is required under section 14 of [1972 PA 230](#) to hear the appeal and file the decision with the local enforcing agency within 30 days of the request. There are a number of local appeals boards that are not filing a proper decision. What the bureau has been receiving are the meeting minutes, signed and unsigned that do not comply with the requirements of a decision. Minutes without a signature are not certified as an accepted record of the proceedings. Meeting minutes document who said what, but do not necessarily provide clear findings and reasoning for the decision. The bureau often sees a motion without a statement of reason or support. In this case, the decision could be considered arbitrary and capricious.

A proper decision must identify the case and the parties involved, contain a statement of the authority for the appeal, a statement of findings and conclusions and a clear statement of the decision. The petitioner for the appeal and the local enforcing agency should be named, e.g. petitioner v local enforcing agency. The statement of authority is a simple citation of the statutory provision

for the appeal, which is section 14 of 1972 PA 230. The statement of “Findings” should identify the pertinent points that are raised during the proceedings. The statement of “Conclusions” should be a discussion of the conclusions drawn from the facts. The decision should be a clear statement of the appeal being granted or denied and any conditions set forth by the board.

After the decision is drafted and signed by a member of the board of appeals, it is recommended that it be the chair, it must be mailed or delivered to the petitioner. It is good practice to have a proof of service executed by the person that mails or delivers the decision. After the decision is mailed or delivered to the petitioner it is filed with the enforcing agency. This is critical, because the date it is filed with the enforcing agency starts the clock for an appeal by the state Construction Code Commission. The petitioner has 10 business days from the date filed with the local enforcing agency to file an appeal to the Construction Code Commission. It would be very helpful to include this statement regarding the filing deadline at the end of the decision.

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

PLUMBING DIVISION

WATER SUPPLY TRAP SEAL PRIMER FEEDS

By Robert G. Konyndyk, Chief
Plumbing Division

The Plumbing Board wants to remind licensed plumbers the method of having one trap seal primer conforming to ASSE 1018-86 supplying several traps is not acceptable. The standard states the valve is designed to supply water to a trap (singular) to maintain the water seal. Further, the standard requires the supply line connection to be not less than ½ inch pipe size.

Also, the practice of having one on demand water heater supplying whole house applications may be inadequate. The plumbing requirements in the Michigan Residential Building Code do not contain water heater sizing requirements. However, the code requires the system and these devices to be sized as the distribution system lines with a reference to conditions of peak demand in Section P2903. Care should be taken to assure ample amounts of hot water are available based upon the occupant and fixture amount numbers.

Questions may be directed to Robert Konyndyk, Chief, Plumbing Division at (517) 241-9330.

STATE FIRE MARSHAL

FROM THE DESK OF THE STATE FIRE MARSHAL

By **Andy Neumann, State Fire Marshal**

Benjamin Franklin started the country's first fire department in 1736, the Union Fire Company. In those days different fire companies would show up at a fire then argue over which company would fight the fire — because the company only got paid if it put the fire out. Meanwhile, the building would burn down. Municipal fire departments began to spring up in the 19th century. Fire departments have demonstrated qualities necessary to provide for public safety - teamwork, professionalism, helping your neighbor and courage.

Much has changed since Benjamin Franklin started the first fire department. From reviving heart attack sufferers, to cleaning up hazardous chemical spills, to rescuing victims of natural disasters, fire fighters have been called upon to assume ever-broadening responsibilities for helping our fellow citizens. Now, as we start a new century, we have asked our fire fighters to meet a new challenge – to protect our citizens from attacks involving the use of chemical and biological weapons. Typically, the first professionals on the scene are fire fighters. They are becoming the frontline defenders of our

citizens not just from accidents and arsonists, but also from those who would seek to sow terror and so undermine our way of life. The truth of this is apparent to anyone who thinks of the horrific events of September 11, 2001.

The Bureau of Construction Codes and Fire Safety is working hard to make sure the fire service is prepared to meet any new challenges fire fighters might face. A few highlights of the fire safety initiatives the bureau has been working on include new elevator fire safety training programs and liquid petroleum gas fire safety. The bureau has also partnered with other state and local agencies to administer a Homeland Security Training Symposium to prepare for Super Bowl XL, began reviewing and updating the Fire Safety Rules, participated in the peer review for the Assistance to Firefighter Grant Program and worked with the National Association of State Fire Marshals to hold a summit on hydrogen fuel cell automobiles. By continuing to work together, we can prepare the fire service for the future.

Questions can be directed to the Office of the State Fire Marshal at (517) 241-8847.

FIRE SERVICE ENCOURAGED TO APPLY FOR FIRE FIGHTER GRANTS

The Michigan fire service is encouraged to take advantage of a Fire Fighter Grants Program, which receives direct funding and a 10% departmental match from the federal Department of Homeland Security.

This program was established to provide the fire service with additional funding for fire fighter safety, apparatus and station renovations, all areas where departmental budgets typically suffer. The grants were for projects funded in the past fiscal year at a total of \$650 million nationwide.

Deputy Director Tony Sanfilippo and other Michigan fire officials were able to become involved as peer reviewers of the grant applications. The 272 departments received more than

\$19.7million for fire fighting equipment and building renovation or construction and 20 departments received more than \$2 million for fire prevention activities.

For future fire fighting grant opportunities, routinely check the web site: www.firegrantsupport.com and utilize the resources that help protect our residents.

Tony has also acted as a peer reviewer in the Staffing for Adequate Fire and Emergency Response Grant Program (SAFER). These funds will be issued across five years to assist in hiring new and retaining highly trained fire fighters and the recruitment of volunteer fire fighters. Questions may be directed to the Office of the State Fire Marshal at (517) 241-8847.

BCC&FS CONTACT INFORMATION

Mailing Addresses:

P.O. Box 30254 (Codes: general correspondence)
P.O. Box 30255 (Codes: permits, licenses, and other documents containing payment)
P.O. Box 30700 (Office of the State Fire Marshal, Office of Fire Fighter Training)
P.O. Box 30704 (Office of Land Survey and Remonumentation)
P.O. Box 30222 (Office of Local Government and Consumer Services)
Lansing, Michigan 48909

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
Office of Fire Fighter Training (517) 373-7981
Mechanical Division (517) 241-9325
Office of Local Government and
Consumer Services (517) 241-9347
Office of Land Survey and
Remonumentation (517) 241-6321
Office of the State Fire Marshal (517) 241-8847
Plan Review Division (517) 241-9328
Plumbing Division (517) 241-9330

FIRE FACTS - CANDLES

- Over the last decade, **candle fires have tripled**. In 2001 alone, an estimated 18,000 home fires started by candles were reported to fire departments, an all time high. These fires resulted in 190 deaths, 1,450 injuries and an estimated property loss of \$265 million.
- **Forty-one** percent of U.S. home candle fires **begin in the bedroom**, causing 24% of the deaths resulting from these fires.
- A special study found the **candles were being used for light** in one-third of the fatal home candle fires, generally because power to the home had been shut off due to nonpayment (24%) or as a result of a temporary power outage (7%).
- **December had almost twice the number of home candle fires** of an average month.
- Seven out of 10 households in the U.S. now use candles, with **younger adults more likely to use them than older adults**.

*Statistics provided by the NFPA-
www.nfpa.org*

The Bulletin is a quarterly publication of the Bureau of Construction Codes and Fire Safety within the Department of Labor and Economic Growth.

Editor in Chief:

Henry L. Green

Editor:

Beth Hunter Aben

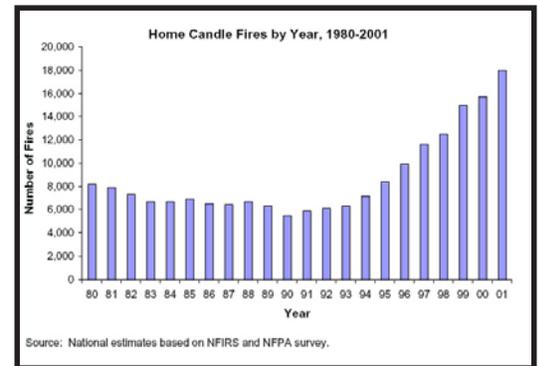
*Created under the authority
of 1972 PA 230.*

STATE FIRE MARSHAL

'05 FPW THEME ANNOUNCED

During his opening remarks on June 6 at the National Fire Protection Association World Safety Conference & Exposition in Las Vegas, NFPA President James M. Shannon announced the theme for this year's Fire Prevention Week (FPW), which runs October 9-15.

"Every year for the last 83 years, NFPA has sponsored Fire Prevention Week, which is the longest running public health and safety observance on record. The week is intended to raise public awareness of fire dangers and simple preventive measures that should be used by all, and the President of the U.S. has proclaimed the observance every October," said Shannon. "This year's theme for FPW focuses on candles. Candle fires have tripled in number since a decade ago and NFPA reports from its most current statistics that there were 18,000 candle fires in 2001. We know, in part, there are more candle purchases, so there are more fires. But there is so much information we know about how to burn candles safely and that's what we're focusing on this year."



Look for Fire Prevention Week outreach efforts from Andy Neumann, State Fire Marshal this October.

FPW 2005 PUBLIC EDUCATION MATERIALS AVAILABLE ON LINE

Visit the National Fire Protection web site at www.nfpa.org to learn more about Fire Prevention Week 2005. The site offers resources to help communicate the importance of candle safety -- from press releases to educational materials for school children -- the NFPA web site is a comprehensive FPW tool box.



NEW EDITION OF FIRE IN THE US AVAILABLE

By Andy Neumann, State Fire Marshall

The thirteenth edition of *Fire in the United States*, a running 10-year statistical overview of fires in the US, was released by the U.S. Fire Administration (USFA) in December. The publication focuses on the latest year in which data is available.

The review covers the 10-year period from 1992 to 2001, with emphasis on 2001. The source of data for the report comes from the National Fire Incident Reporting System, National Fire Protection Association, National Center for Health Statistics, state fire marshals offices, U.S. Census Bureau, and the Consumer Price Index.

The report is available through the USFA web site at: <http://www.usfa.fema.gov/applications/publications/>.