

# THE MECHANICAL INSPECTOR

## MMIA Update

The Metropolitan Mechanical Inspectors Association continues to meet at the Ukrainian Cultural Center, in Warren. MMIA has offered 62 credits since the beginning of the cycle in 2002. We have a short break for the summer but will meet again at our next seminar on October 20, 2005 when **Arthur Grace of Kruttsch Htg., Inc.** and **Bill Vallance with the State Boiler Division** will be presenting a three hour Specialty program, "**Pool Heat-ers**". Be sure to attend the MMIA Seminars and get those required credits before the end of the cycle in September 2006.



Current MMIA President Guy Mitchell honoring Past President William Paquette.



MMIA speaker Christopher Eby presented "Flexible Gas Piping" on April 21, 2005.



MMIA Director William Moy enjoying an MMIA seminar.

John Van Camp of Lapeer County was one of the many new faces at our June seminar.



New MMIA Life Member Dan Schultz takes in some education.



Brian Snyder and Bill Williams enjoy lunch at the Ukrainian.



Peter Letzmann is always a crowd pleaser for MMIA.

## MI ACCA Invites MIAM President and MIAM Advisory Members to Speak at State Convention

The Michigan Chapter ACCA held its Annual State Convention on April 14-16, 2005 at the Soaring Eagle Casino and Resort in Mount Pleasant. William Paquette, Mark Riley and Terrance Carolan were requested to participate in the "Inspector's Panel Discussion" on Saturday, April 16, 2005. The panel was cre-



## THIS ISSUE

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Maintain  
Improve  
And  
Monitor



**MMIA, Inc.**

Better Enforcement  
Today  
for a Safer  
Tomorrow

Summer 2005



## NEW MMIA Members ASSOCIATE

- Charles Granzow  
Executive Heating & Cooling

## NEW MIAM Members ACTIVE

- Milton Andrews  
Ann Arbor
  - Pat Downs  
Novi
  - Terry Junod  
Novi
  - Robert Lakin  
City of Wayne
  - Arnold Pollis Jr.  
Dearborn
  - Glen Proctor  
Emmet County
  - Terry Thatcher  
Branch County, Coldwater
  - Thomas Verellen  
Mills, Jasper, Hope Township
  - Charles Warner  
Springfield, Shelby Township
- ## CONTRIBUTING
- David Johnson Jr.  
Thermol Temp, Inc.
  - Daniel Krupp  
Krupp Heating & Cooling

We Are Glad To Have You

## REMINDER

The publishing deadlines for the Mechanical Inspector Newsletter are as follows:

- Jan 1 deadline for Jan 15 mailing
- Apr 1 deadline for Apr 15 mailing
- Jul 1 deadline for Jul 15 mailing
- Oct 1 deadline for Oct 15 mailing

Everyone is welcome to submit articles, but the Education Committee will decide publishing priority.

# Presidents' Corner



## MIAM President John E Smith

Hello to everyone, I hope you all are enjoying the warm weather. Past President Grayle Woodruff and I have been busy traveling back and forth to Lansing. We have been working with other inspectors as well as the representative from the Home Builders Association who wrote Senate Bill 150 on making changes to the bill. We have gotten quite a few things taken out of the bill so far and are working on making the bill more "inspector friendly". I will keep the association office and membership updated on the changes.

First Lady Pamela and I are looking forward to seeing everyone in Clare at the Fall Conference. I am sure it will be fantastic because of the fine work of the Conference and Education Committees.

I would like to ask all members to put in an extra effort into getting more inspectors and contractors to join this great organization. Have a safe summer! Enjoy it, have fun and we will see you all at the Doherty Hotel in Clare this fall.



## MIAM President Guy Mitchell

Are you enforcing the codes as they are written? At least once a month, I receive calls from attorneys or fellow inspectors regarding jobs that are going to court. It appears that some approvals for projects were granted contrary to what was required by code.

The mechanical and fuel gas codes are very prescriptive in nature. They spell out what is necessary and when to do things. Sure, we may not all agree in what they say but our job is to enforce these regulations.

Most first year attorneys can read the words stated in our codes. When these words or regulations are not followed, the liability may rest squarely on the shoulders of the inspector. Be careful out there and don't put yourself in a position that may cause you unnecessary liability and additional burden. Read the codes, read the standards and read the manufacturer's installation instructions. Things change everyday. Protect yourself through knowledge.



## **EDUCATION COMMITTEE UPDATE**

William Moy, Canton Township

Summer finally made its way here, by passing up spring. The Education Committee is finalizing the Fall Conference schedule. If you have any suggestions for class topics, please submit them to the Ed Committee. We are still in need of instructors for our classes. Any help would be greatly appreciated. Check your latest report card from the state and make sure you have all your credit hours. We should be on schedule with all of the classes and credits to date. Also, I have heard the committee has not had any code questions to work on. They really need to have questions. They are really getting very rusty and bored. Please help them out. Hopefully you have a great and safe summer and we will see you in the fall.

### **Fall Conference**

**Registration Forms have been mailed! If you have not received yours, you may get a copy online at [mechanicalinspector.com](http://mechanicalinspector.com) on the MIAM page. Or you can call the association office at 248-649-5443 to get your copy.**

### **THE MECHANICAL INSPECTOR**

is published quarterly at  
3221 West Big Beaver Road,  
Suite 305  
Troy, MI 48084-2812  
Phone: (248) 649-5443  
Fax: (248) 649-2024

#### **Committee:**

Eugene Burke, Rick Coules, Jeff Laski, Robert Logan, Phillip Mannino, Scott Paddock, Vernon Pappas, William Paquette, Mark Riley, Greg Russell, John E. Smith, John Wolter, Grayle Woodruff, Co-Chairs, Guy Mitchell, William Moy

#### **Ask the Committee:**

Send your questions about mechanical code enforcement to the Education Committee for discussion and research. As space permits, they will be answered in this newsletter. The address is:

#### **EDUCATION COMMITTEE**

3221 W. BIG BEAVER RD.  
SUITE 305  
TROY, MI 48084-2896  
PHONE: (248)-649-5443  
FAX: (248)-649-2024  
EMAIL: [mechinspect@bignet.net](mailto:mechinspect@bignet.net)

#### **Inform the Committee:**

These articles are directed to membership participation. We welcome you to please submit your comments and answers.



## DUCT SEALING IN MY OPINION

*William Paquette, Code Study Committee*

As inspectors we have to make a lot of decisions. It seems that very few answers are ever black or white, right or wrong. Most often an inspection will require some kind of judgment call.

Article 1601.3.1 of the 2003 Michigan Residential Code requires that all duct joints be made, "substantially air tight with tape or mastic." I've been having a difficult time enforcing this requirement. It doesn't make sense to me to seal the transverse joint in a six inch round duct that leads to a register in the basement a few feet away from that joint. Even with the register closed, there will be more air leakage through the register than there will be from a properly made crimp joint.

Seeking clarity, I decided to call the ICC Mechanical Engineers in Chicago, but they were out of the office so I was transferred back to the operator to ask for any available engineer. I was then referred to an intelligent young engineer in the Southeast ICC Region, Richard Beck of Birmingham, Alabama. When I explained my dilemma to him, he let out such a laugh. Richard remembered the discussions that went into the wording of that code section. After reading over the code section several times, he said that without an exception (and there is no exception) we really need to enforce this section as it is written. He went on to say that he felt that the requirement was intended to regulate the sealing of ducts in crawl spaces and attics in the Southeast and other regions where ducts are commonly run in these unconditioned spaces.

I then decided I wanted an opinion from an engineer more familiar with construction practices in this area, so I contacted a mechanical engineer that many of us at MIAM are familiar with, Greg Gress. When I told Greg that I was concerned with enforcement of 2003 MRC Article 1601.3.1, he groaned. He was obviously aware of the controversy. Greg admitted, somewhat reluctantly, that a strict interpretation of the code would require that all transverse joints be sealed. He said that a properly made crimp joint or a joint made with s-bars and drives on a duct system located entirely within the building envelope could result in leakage that would be significant in terms of energy consumption or safety. Greg then referred me to another ICC engineer who has done extensive research on this subject, Darren Meyers.

Mr. Meyers expressed that he is absolutely adamant that the intent of the code is that all transverse duct joints be sealed, and he is strongly in favor of sealing all duct joints, even "Pittsburg lock" joints. He e-mailed me a few studies that claim duct sealing is necessary not only from the standpoint of energy efficiency, but health (dampness, mold, dust and pollutants can be drawn into the system through the return) and safety (spreading smoke or fire).

There were three research studies in the information that he sent me. The first was done in Washington State and dealt with ducts in "unconditioned spaces" with a focus on attics and crawl spaces. At first I dismissed this study because it did not consider a duct system in a basement. Then I looked at an EPA study which also focused on ducts in "unconditioned spaces", but this study specifically included unfinished basements. The third study was done in Florida and also considered ducts in "unconditioned spaces" and those located in architectural duct chases inside the building envelope. Unfortunately, none of these studies dealt with the type of system that I look at every day with supply registers in an unfinished basement.

The definition of "conditioned space" from the 2003 MRC is "an area, room or space being heated or cooled by any equipment of appliance." Based on this definition and the studies mentioned above, I believe that it is the intent of 2003 MRC Article 1601.3.1 is that ducts in "unconditioned spaces" be sealed "substantially air tight" but ducts in a conditioned basement with crimp joints for round ducts shall have a contact lap of at least 1.5 inches and at least three sheet metal screws are acceptable. However I will site this code section if I ever see the poor quality workmanship that I saw in the pictures included in the studies given to me by Mr. Meyers. There is no excuse for a half inch gap around a take-off cut into a supply trunk or a one inch gap between a coil case and a plenum.

## WHY WE DO WHAT WE DO AS A MECHANICAL INSPECTOR

### Fires Started by Heating and Air Conditioning

*Scott Paddock*

*Mechanical Inspector, Oshtemo Township  
Captain, Oshtemo Township Fire Department*



**Heating fires** applies to those fires that are caused by functioning or malfunctioning central heating units, fixed or portable local heating units, fire places, chimneys and water heaters. The time of year that most heating fires occur is from November to March with January and February being the top months. The equipment involved in heating fires varies by area of the country. In the south chimneys cause the most fires while in the north most are caused by central heating systems. The materials ignited in heating fires is often rubbish/trash, structural framing, electrical wire and fuel, depending on the type of heating unit used.

Each year in the United States there are approximately **48,300** heating fires in residential structures. These fires are responsible for **320** civilian fire deaths, **1,300** injuries and **\$450.8 million** in property loss. Heating is the second leading cause of fires in residential structures. The overall number of heating fires in the nation has decreased over the last 15 years and this is due to the declining number of people using alternative methods of heating such as coal, and solid fuel (wood).

Resin/tar or creosote is the leading cause of fires in chimneys. At **58%**, mechanical failure is the leading cause of all heating fires. Of the fires that are caused by some form of mechanical failure, **32%** are caused by improperly maintained equipment. Combustibles placed too close to a heating source cause an additional **13%** of heating fires. In single and two-family homes, **1/3** of heating fires is due to improper maintenance.

Heating is the third leading cause of civilian fire deaths, following smoking and arson. Heating fires are the leading cause of fire deaths in *rural areas* but not in *urban areas*. The information submitted does not always code heating as a fire cause. For example, a

*(Continued on page 4)*



**SEER REGULATIONS**  
**Vernon Pappas, Walled Lake**

New 13 SEER ratings are due to take effect January 23, 2006. There are exceptions for thru the wall units, but not for Unico or Spacepak style high velocity systems which at this time are not considered to be space constrained. Manufacturers are recommending that matched coils and refrigerant lines be replaced with any condenser replacement. This date applies to the manufactured date and any units built prior may be sold until inventory is depleted.

*Seasonal Energy Efficiency Ratio (SEER) The total cooling output of an air conditioner during its normal annual usage period for cooling, in Btu/h (W), divided by the total electric energy input during the same period, in watt-hours, as determined by DOE 10 CFR Part 430, Subpart B, Test Procedures. New equipment ranges from about 10 to 16 SEER. Higher SEER ratings indicate more efficient equipment.*

The following is an excerpt and recommended reading from: <http://www.epa.gov/fedrgstr/EPA-IMPACT/2004/August/Day-17/i18533.htm> Sec.430.32 Energy and water conservation standards and effective dates. (2) Central air conditioners and central air conditioning heat pumps manufactured on or after January 23, 2006, shall have Seasonal Energy Efficiency Ratio and Heating Seasonal Performance Factor no less than:

[[Page 51001]]

Product Class	Seasonal Energy Efficiency Ratio (SEER)	Heating Seasonal Performance Factor (HSPF)
(i) Split system air conditioners	13	--
(ii) Split system heat pumps	13	7.7
(iii) Single package air conditioners	13	--
(iv) Single package heat pumps	13	7.7
(v)(A) Through-the-wall air conditioners and heat pumps-split system \1\	10.9	7.1
(v)(B) Through-the-wall air conditioners and heat pumps-single package \1\	10.6	7.0
(vi) Small duct, high velocity systems	13	7.7
(vii)(A) Space constrained products-air conditioners	12	--
(vii)(B) Space constrained products heat pumps	12	7.4

\1\ As defined in Sec.430.2, this product class applies to products manufactured prior to January 23, 2010.

The following websites have information about the new 13 SEER rule:

Federal Register - Air Conditioning Standards  
[http://www.eere.energy.gov/buildings/appliance\\_standards/residential/pdfs/ac\\_fr\\_081704.pdf](http://www.eere.energy.gov/buildings/appliance_standards/residential/pdfs/ac_fr_081704.pdf)

DOE Appliance Standards - Air Conditioners  
[http://www.eere.energy.gov/buildings/appliance\\_standards/residential/central\\_ac\\_hp.html](http://www.eere.energy.gov/buildings/appliance_standards/residential/central_ac_hp.html)

(Continued from page 3)

gas range left on to assist in heating a home or portion of a home can cause a fire or cause severe carbon monoxide poisoning.

Each year, **portable heating equipment** fires in a residence are more deadly than other types of heating fires. They account for only 10% of all heating fires but 30% of heating related injuries and 40% of heating fire deaths. The bedroom is the leading area of origin for portable heating fires. Fabric and wood/paper represent 59% of the types of materials ignited by heaters. The placement of combustibles too close to portable heaters is a major problem.

**Air conditioning** fires applies to those fires in which central air conditioning units, fixed local units (typically wall units) or portable local air conditioning units ( typically window units) were identified as the equipment involved in ignition of the fire. Window and wall units account for 35% of the air conditioning equipment in residences but account for 55% of the air conditioning equipment fires. This may be caused by undersized wiring to a unit. 75% of air conditioning fires start in residential one and two-family dwellings. 20% occur in apartments and 5% occur in other residential occupancies. Overall, the bedroom (23%) and the lounge area (14%) are the leading areas where these fires start in residential structures. These are the areas where window and wall units are most commonly found.

Each year in the United States an average of 2,300 air conditioning fires occur in residential structures. These fires are responsible for approximately 60 civilian injuries, 5 deaths and \$23.8 million on property loss. 72% of all American households have air conditioners or air conditioning systems. 47% of households have central air conditioning systems and 25% have window/wall air conditioning units.

35% of residential air conditioning fires occur between the hours of 2 pm and 8 pm. These are the times that most occupants return home from work and turn down the air conditioner. 86% of residential air conditioning fires are ignited as a result of some type of mechanical failure or malfunction. The leading factors contributing to mechanical failures and malfunctions is a short circuit (51%) or other electrical failure (22%) in the unit.

## LEGISLATIVE REPORT

LYNN L. BRIGGS, LEGISLATIVE AGENT

### ELECTRICAL WORK BY MECHANICAL CONTRACTORS

About 13 years ago, the electrical industry decided to amend and update the Electrical Administrative Act (Public Act 217 of 1956) and had the Michigan Legislature pass Public Act 130 of 1992. As a part of that amendatory act, Section 7 (i) was added as follows (emphasis supplied):

(3) A license under this act is not required in the execution of the following classes of work:

“(i) Work performed by mechanical contractors licensed in classifications listed in section 6(3)(a), (b), (d), (e), and (f) of the Forbes mechanical contractor act, Act No. 192 of the Public Acts of 1984, being section 338.976 of the Michigan Compiled Laws, plumbing contractors licensed under Act No. 266 of the Public Acts of 1929, being sections 338.901 to 338.917 of the Michigan Compiled Laws, and employees of persons licensed under Act No. 192 of the Public Acts of 1984 and Act No. 266 of the Public Acts of 1929 while performing maintenance, service repair, replacement, alteration, modification, reconstruction, or upgrading of control wiring circuits and electrical component parts within existing mechanical systems defined in the mechanical and plumbing codes provided for in the state construction code act of 1972, including, but not limited to, energy management systems, relays and controls on boilers, water heaters, furnaces, air conditioning compressors and condensers, fan controls, thermostats and sensors, and all interconnecting wiring associated with the mechanical systems in buildings which are on the load side of the unit disconnect, which is located on or immediately adjacent to the equipment, except for life safety systems wiring.”

It was clearly the intent of the sponsor of the legislation, Representative Joe Young, Jr., that licensed mechanical contractors could perform the necessary electrical work on existing systems. There continues to be disagreement between the electrical and mechanical inspectors regarding the language of the statute. Many contractors have been stopped from doing work which is clearly exempted from the electrical license requirements.

To the best of my knowledge, this issue has not been litigated, so we have no court interpretations of the language of the statute. A Detroit area mechanical contractor, however, has agreed to go through all of the administrative steps in order to bring the issue before a judge for a final and binding legal interpretation of the exemption language. That contractor has asked for a written decision from the State's Electrical Administrative Board, which will then be appealed to the Construction Code Commission. It is expected the Electrical Administrative Board will rule in support of their inspectors to severely limit the application of Section 7 (i). The Construction Code Commission, however, may overturn any decision by the Electrical Board. The contractor has the option, of course, of appealing any decision of the Construction Code Commission to a court of competent jurisdiction. It will be to everyone's best interest to have a court interpret the language once and for all to avoid future disputes on the job sites between mechanical and electrical personnel.

We will keep you informed as this issue proceeds through the administrative and judicial systems for a final disposition.



## International Code Council Annual Conference

September 25 thru October 2, 2004  
COBO Center, Detroit, MI

Be a part of one of the largest assemblies of building safety and fire prevention professionals in the United States at the 2005 International Code Council Annual Conference. This conference features:

- Final Action Hearings
- Education Programs
- Annual Business Meeting
- International Code Council Expo

Register by August 1st and save!  
For more information visit,  
[www.iccsafe.org](http://www.iccsafe.org)

**A note from  
ICC Region V  
Rick Helsinger**

*I strongly urge those wishing to attend the code hearings only or to vote in the elections to pre-register for "Code Development Hearings" using the DELEGATE registration form. It is available online at [http://www2.iccsafe.org/2005\\_conference](http://www2.iccsafe.org/2005_conference). This will allow ICC to verify your voting status and have your voting badge ready and waiting when you arrive.*

**A Farewell Message From a Dear Friend of MIAM...**

Dear MIAM Membership,

With sadness I wish to inform you that September 9, 2005 will be my final day as Chief Mechanical Inspector with the City of Lansing. Due to city budget constraints and my age I have decided this is the time to retire.

I will not be attending the conference in Clare, but do wish to extend my many thanks to all the leaders and members of MIAM, as the organization has been very dear to my heart. I have made a lot of friends through my association with MIAM, and you will not be forgotten. The staff has been excellent under the leadership of Sharon Havlick at the helm, and to you, I tip my hat.

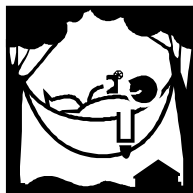
The Governor has requested that I remain on the State Mechanical Board until she has made replacements, so I will continue to serve on this board until relieved.

I will also remain on the Act 230 Amendments Committee presently working with Lynn Briggs and other contractors and MIAM members, adding what input I can to reform/update this act to the current time period. I also have been actively fighting the other 6140+ bills that have severe consequences for inspectors, and hopefully get these modified, or get a veto vote on them.

I have enjoyed working with MIAM, the Education Committee and the Legislative / Code Study Committee in the past. These committee members are dedicated to the cause, and I urge anyone with interest to get involved. It has been a definite team effort, and if I had to do it over, I would have spent even more time working and promoting this great organization.

Sincerely,

Gary Biddinger



**Consumer Product Safety Commission and HEAT-N-GLO Announce Recall of Gas Fireplace**

Washington, D.C. - The U.S. Consumer Product Safety Commission, in cooperation with HEAT-N-GLO announced a voluntary recall of the following consumer product. Consumers should stop using recalled products immediately unless otherwise instructed.

**Name of Product:** HEAT-N-GLO® Gem 36 and Gem 42 Gas Fireplaces

**Units:** About 7,800

**Manufacturer:** HEAT-N-GLO of Lakeville, Minnesota

**Hazard:** Gas in the fireplace can accumulate prior to burner ignition. When ignition takes place, it can cause the glass window to shatter and create a risk of burns or lacerations from broken glass.

**Incidents / Injuries:** HEAT-N-GLO has received 21 reports of shattered glass, including four minor injuries.

**Description:** The recall involves all HEAT-N-GLO® Gem 36 and Gem 42 direct vent gas fireplaces. The model number is located on the rating plate inside the unit on the base pan in front of the gas control. The rating plate can be accessed by removing the lower grille on the fireplace. This recall also includes Gem 36 fireplaces that recently received a replacement burner assembly.

































**Sold At:** Dealers and distributors of Hearth products nationwide sold the fireplaces from July 2002 through April 2005 for between \$2,380 and \$2,700.

**Manufactured In:** United States

**Remedy:** Consumers should stop using the fireplaces immediately and contact HEAT-N-GLO to make arrangements for a free repair. To be sure that no one uses the fireplaces by mistake, consumers should shut off the gas supply to the fireplace by removing the lower grille on the fireplace and turning off the ball valve (red lever) on the gas supply line.

**Consumer Contact:** For assistance in turning off the gas and arranging for a free repair, contact HEAT-N-GLO at (800) 215-5152 between 8:00 am - 10:00 pm CT Monday thru Friday or log onto the firm's online registration page at <http://www.gem3642.com> or <http://www.heatnglo.com>.


**MEMBER UPDATES**

-              
-  
-  **SHELDON LAUDERDALE**, MIAM member in Comstock Township, recently had a fall and broke his hip. We hope to hear a good word about him soon. 
-  
-  
-  
-  **DEL LOGAN**, wife of Robert Logan of SCMCCI will be undergoing a medical procedure. We hope all is well and look forward to seeing our always lucky Bingo player at the Fall Conference. 
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-  
-  

LOOK FOR MIAM AND MMIA GENERAL MEMBERSHIP MEETING MINUTES ON OUR WEBSITE.... MECHANICALINSPECTOR.COM



On Behalf of the association and its members we would like to express our deepest sympathies to



*The Family of James D. Scott, MIAM / MMIA Life Member*

*You and your family are in our prayers*

# INSPECTOR EDUCATION

MMIA would like to thank the speakers who volunteered their knowledge and time for a great cause! A special **THANK YOU** to...

Peter Letzmann, "Corruption / Sexual Harassment" on June 16th. We appreciate your continued contribution to the association and its members.

## PIAM CONFERENCE SCHEDULE

October 19-21, 2005  
Fall Conference, Boyne Highlands  
April 5-7, 2006  
Spring Conference, Clare  
October 11-13, 2006  
Fall Conference, Kalamazoo  
April 18-20, 2007  
Spring Conference, Clare  
October 10-12, 2007  
75th Anniversary  
Fall Conference, Lansing

## MMIA CLASS AND CREDIT UPDATE

MMIA—SEPTEMBER 18, 2002 THRU SEPTEMBER 17, 2006

REQUIRED		Totals to date (07-01-05)	
Administration	5	Administration	7
Technical	32	Technical	19
Communications	2	Communication	4
Specialty	24	Specialty	20
Plan Review**	16	Plan Review**	12
Total	79	Total	62

\*\* Not a Mechanical requirement

- October 20, 2005  
Arthur Grace Pool Heaters 3S  
w/ Bill Vallance, State Boiler Division
- November 17, 2005 (Choose Charity for Holiday Donations)  
Mark Riley Michigan Residential Code 3T
- December 15, 2005 (Annual Holiday Luncheon)  
Guy Mitchell Residential Walk Thru Inspections 2T  
Holiday gift from MMIA for those in attendance

## BUREAU OF CONSTRUCTION CODES & FIRE SAFETY MECHANICAL SEMINAR

September 13 & 14, 2005

8:30 am - 4:30 pm

MTEC Center, Lansing Community College

Contact the Office of Local Government and Consumer Services today for more information 517-241-9347

## MIAM Credit Update

September 18, 2002 Thru September 17, 2006

REQUIRED		TOTALS TO DATE (07-01-05)	
Administration	5 Chrs	Administration	9 Chrs
Technical	32	Technical	50
Communication	2	Communication	2
Specialty	24	Specialty	26
Plan Review	16	Plan Review	12
Total	79	Total	99

**MMIA CREDIT CORRECTION FOR THOSE WHO ATTENDED THE MMIA SEMINAR, APRIL 21, 2005, "FLEXIBLE GAS PIPING" WITH CHRIS EBY. THIS SEMINAR WAS APPROVED FOR 3 SPECIALTY CREDITS NOT TECHNICAL.**

## WHAT OTHER ASSOCIATIONS DO YOU BELONG TO?

**LET US KNOW YOUR OTHER SOURCES FOR EDUCATION SO WE CAN HELP SPREAD THE WORD AND LET THE MEMBERSHIP KNOW ABOUT POSSIBLE EDUCATION IN THEIR AREA.**

**MECHINSPECT@BIGNET.NET**

## \*MIAM FALL CONFERENCE AGENDA

September 15-17, 2005, Doherty Hotel, Clare, Michigan

Thursday, September 15, 2005	Class#	Cr Hrs	Speaker	Topic
11:00 - 5:00				Registration
11:00 - 5:00				Hospitality Suite
12:30 - 1:30			John E. Smith	President's Welcome
				Membership Meeting
1:30 - 3:30	TBD	2 A	William Moy	Inspector
				Professionalism
3:30 - 5:30	TBD	2 S	TBD	Wood Burning Boilers
<b>Friday, September 16, 2005</b>				
7:00 - 8:00				Group Breakfast
8:00 - 10:00	TBD	2 PR	William Moy	Hood Fire Suppression
10:00 - 12:00	TBD	2 PR	William Moy	Bldg Sprinkler Systems
12:00 - 1:00				Group Lunch Buffet
1:00 - 3:00	10215	2 C	Al Arens	The Art of Listening
3:00 - 5:00	TBD	2 T	James Partridge	Mold
6:00 - 9:00				Reception Dinner
<b>Saturday, September 17, 2005</b>				
7:00 - 8:00				Group Breakfast
8:00 - 12:00	TBD	2 T 2 S	Dr. Daniel Hutchins	Sick Home Syndrome
12:00				Adjourn & Check Out

\*Please note this schedule is tentative and may change prior to the conference.

**INSPECTORS EDUCATION FUND**  
3221 West Big Beaver Road  
Suite 305  
Troy, MI 48084-2812  
Phone 248-649-5443 Fax 248-649-2024  
mechinspect@bignet.net

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