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Fire TIES

• Training • Investigation • Education • Statistics

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The following article by Chief Thomas Aurnhammer touches on a subject that is offensive, but real. The fact is that there have been fires started by fire fighters in Michigan. When this happens, the reputation of the entire fire service is damaged – for a long time. I believe that it is our responsibility to do everything we can to uphold the standards the public expects of us. Please, read the article carefully. If you become aware that this problem exists, please have the courage to do the right thing.

*Capt. Mark A. Dougovito
State Fire Marshal*



Capt. Mark A. Dougovito

Addressing the Fire Fighter Arson Problem

By Thomas W. Aurnhammer, EFO, CFI
Fire Chief, Farmington, NM

Reprinted from the March, 2002, issue of The Voice, a publication of the International Society of Fire Service Instructors

While I have written in the past about the American fire services' ability to practice the "art of avoidance" or our reluctance to address problems or deal with situations that we do not feel comfortable with, this crisis needs to be acknowledged and addressed and solutions need to be shouted from the highest mountain.

While fire fighter arson is certainly not a new problem, the resurgence of incidents that I see reported in the media has caused me to think that our dirty little secret needs to be moved to the forefront of our recruit training efforts to put an end to it. This is nothing more than a cancer growing within some of our organizations, and it must be cut out.

I would also like to take credit for the information that follows, but I can't. I need to thank the Suffolk County (NY) Police Department, the South Carolina Chapter of the International Association of Arson Investigators (IAAI), and Mr. Tim Huff, who has retired from his position as a Violent Crime Case Analyst at the Federal Bureau of

Investigation, for the liberal use of their materials.

An incident that occurred last year in June had caused me to step back and look at the problem of fire fighter arson again. A Dearborn, Missouri fire fighter was killed in a vehicle accident responding to a fire that another fire fighter has been charged with setting. My hope is that the information contained in this article will help put a stop to fire fighter arson and to keep this fire fighter's death from being in vain.

What I hope to provide is an understanding of the fire fighter arson problem, why some fire fighters commit arson, and the effects that it has on the community and its fire service. I will also touch on the basic profile of a fire fighter arsonist, our responsibilities in preventing the practice, and what actions to take when a problem is suspected.

Why Fire Fighters Commit Arson

A number of reasons have presented themselves from those who have been arrested for this crime and were willing to share their motivations. The fire fighter arsonist

could be someone looking for recognition or who likes to play the role of the hero. It could be their drive to be a reporting party or first on the scene of a fire. Perhaps it is the person who wants to make the most runs, or one who thinks fire setting is the cure to overall boredom within a department without much run volume.

It is also practiced by persons with a psychiatric problem that may be compelling a fascination with fire, or perhaps others that have low self-esteem or self-confidence. Some have also noted the social need of wanting to be accepted by others, or wanting to belong to or be identified with a significant group. Praise and being recognized by peers also comes into play.

It has also been noted that the motivation is usually not intended to be harmful. The excitement of fire fighting combined with a maturity level that does not realize the harmful effects or the severity of the crime being committed may also be another factor.

(continued on page three)

Fire Deaths

20 Fire Deaths Reported in March 2002

| Name | Age | Sex | Date of Fire | Cause of Fire | Responding Fire Dept | Cause of Death | Smoke Detector Present | Smoke Detector Operational |
|------------------------------|---------|--------|--------------------|---------------|----------------------|------------------|------------------------|----------------------------|
| Dubiak, G. | 47 | M | 1/14/02 | undetermined | Howell/4706 | smoke inhalation | no | |
| James, J. | 38 | F | 1/24/02 | accidental | Burton/2521 | smoke inhalation | yes | yes |
| McCain, D. | 24 | M | 1/26/02 | undetermined | Detroit/8207 | burns | no | |
| Jones, R. | 78 | F | 2/1/02 | accidental | Detroit/8207 | burns | no | |
| Davis, D. | 7 | M | 2/7/02 | accidental | Detroit/8207 | burns | no | |
| Welch, T. | 44 | M | 2/10/02 | undetermined | Attica/4403 | smoke inhalation | no | |
| Jones, D. | 2 | M | 2/13/02 | accidental | Detroit/8207 | smoke inhalation | no | |
| Jordan, A. | 18 | M | 3/2/02 | undetermined | Detroit/8207 | unknown | unknown | n/a |
| Wedley, J. | 48 | F | 3/3/02 | accidental | Lansing/3304 | smoke inhalation | no | |
| Holtcamp, R. | 37 | M | 3/9/02 | accidental | T.C./2804 | asphyxiation | yes | yes |
| Scheffler, J. | 2 | M | 3/9/02 | undetermined | LMR/5812 | smoke inhalation | unknown | n/a |
| Swisher, L. | 41 | M | 3/9/02 | undetermined | Ann Arbor/8101 | exposure | no | n/a |
| Curry, D. | 69 | M | 3/10/02 | undetermined | Ecorse/8210 | smoke inhalation | unknown | n/a |
| Schery, B. | 59 | M | 3/11/02 | accidental | Detroit/8207 | smoke inhalation | unknown | n/a |
| Sharp, L. | 74 | F | 3/11/02 | undetermined | Detroit/8207 | smoke inhalation | no | |
| Trepczyk, A. Trepczyk, C. | 33 3 | M M | 3/15/02 3/15/02 | accidental | Autrain Twp/0206 | asphyxiation | yes | unknown |
| Feddersen, R. | 31 | M | 3/17/02 | accidental | Ferndale/6318 | smoke inhalation | yes | yes |
| Thompson, M. | 1 | M | 3/17/02 | undetermined | Detroit/8207 | burns | no | |
| Dorris, C. | 38 | F | 3/27/02 | unknown | Eastpointe/5006 | smoke inhalation | yes | unknown |

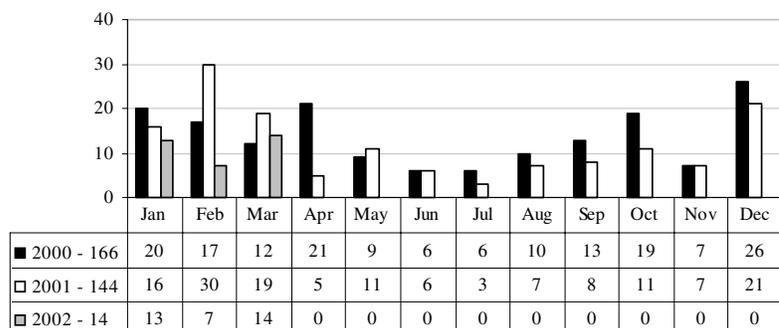
Send fire death information to Collene Shaner at shanercf@michigan.gov or by fax to 517.322.2908

Fire Fact of the Month

The leading area of origin for home fires resulting in death is the living room, family room, or den area. During 1994-1998, almost 1,100 people per year were killed by fires that started in this area.

Source: NFPA

**Fire Deaths - Three Year Comparison
2000/2001/2002**



(continued from page one)

Effects of Fire Fighter Arson

The effects on a community subjected to fire fighter arson are clear. They include the possibility of injuries or loss of life to the citizens; the property and financial loss due to fire; and the increased insurance premiums that we pay when arson occurs. It can also destroy the community's trust of its fire department.

Look at what can happen to the fire department. Problems here include injuries and loss of life to fire fighters, apparatus accidents, the cost of fire suppression, damaged equipment, and negative publicity and possible liability. What will the effect be on fundraising? The public's reaction may also cause "knee-jerk" legislation that could seriously impact the fire service. The trust of our communities is something that we need to preserve.

What about the person or persons who commit these heinous acts? One would think that the embarrassment to their families and the fact that they will be held accountable for their actions would make fire fighter arson unattractive. The fire fighter arsonist will be arrested, convicted, sentenced and be removed from the fire department. The loss of self-esteem and belonging will be replaced by thoughts of financial losses that include fines, restitution, and loss of employment upon imprisonment. That criminal record will follow these people for the rest of their lives and cause the loss of rights that law-abiding citizens enjoy.

Basic Profile of the Fire Fighter Arsonist

The South Carolina Chapter of the IAAI's Fire Fighter Arson Awareness Program provides the following profile of fire fighter arsonists. They are predominantly volunteer fire fighters, although career fire fighters have also been involved in perpetrating this crime. They are mostly white males, 17 to 26 years old, who may be the highly trained and motivated type that always seems to be in the right place at the right time. They could be working in low paying jobs with low recognition and esteem

and have joined the department for gratitude. They may also have over-active fascination with the fire service.

Some less obvious factors include an unstable home environment as a child, ineffective relationships with parents, and average/poor academic records. They may also have ineffective relationships with their spouse (if married), be going through some unusual personal stress, and using alcohol to release inhibitions when setting fires.

Some additional traits include the fact that fire fighters who commit arson frequently associate with other fire fighters who have a similar desire to be a hero or have a fascination with fire, and that the majority of fire departments that have experienced this problem recently are mostly rural with normally low call volumes. A sudden increase in the number of small fires, false alarms, bomb threats, or similar responses should alert the department to a possible problem. The increase in the severity of fires is also a warning sign.

Fire Service Responsibilities in Preventing Fire Fighter Arson

This dirty secret needs to see the light of day and we are the only ones who can illuminate it. Training for recruits and new members needs to include a block of instruction on fire fighter arson that includes the consequences of becoming involved in this activity. The complete investigation of the origin and cause of all fires will also assist in identifying the problem.

Prior to allowing someone to join the department, we should be conducting background checks. This should include criminal history, driving record, employment history, references, school records, medical records, credit records, a check with previous fire departments the individual has been associating with and, if possible, psychological screening. While some departments may not be allowed access to all of this information, some effort should be made to check out potential members.

Efforts should also be made to

monitor the activities of department members. The simple solution to this is to maintain adequate records that include attendance at incidents, training, fire incident reports, and fire investigation reports.

Actions to Take When a Problem is Suspected

Immediately notify the chief of the fire department involved, but if this is not possible because the chief may be a suspect or for other reasons, you may want to confide in another fire service or law enforcement official that you know and trust. Another avenue would be a call to your local "Crime Stoppers" Program.

If you suspect a fire fighter of firesetting, but do not have specific proof, the chief or other officer may be able to confront the suspect with suspicions. You may also want to observe if there are any changes in the trends that aroused your suspicions. If you do not feel comfortable confronting the individual, or if there is hard evidence of arson, notify your local law enforcement agency immediately.

Fire fighter arson is a cancer that can be cured. Taking action against this problem is the only practical way to reveal illegal conduct or major abuses of public authority and represents the highest form of loyalty to the fire service and its mission. Remember that in this venue, practicing the "art of avoidance" only gives victory to criminal action and improper conduct.

(Thomas Arunhammer is Chief of the Farmington (NM) Fire Department. A 26-year fire service veteran, he is a member of the adjunct faculty at the New Mexico Fire Fighters Training Academy and the National Fire Academy. Tom holds an associate degree in fire protection and is a graduate of the National Fire Academy's Executive Fire Officer Program. He is also a licensed emergency medical technician, a certified fire investigator, and serves on the board of the National Fire Academy Alumni Association.)

What I hope to provide is an understanding of the fire fighter arson problem, why some fire fighters commit arson, and the effects that it has on the community and its fire service.

Remember that in this venue, practicing the "art of avoidance" only gives victory to criminal action and improper conduct.

2000 Michigan Fire Clock*



One fire department response
every
1 minute, 56 seconds



One outside fire every
44 minutes, 43 seconds



One actual fire every
13 minutes, 37 seconds



One intentional or cause
under investigation fire
every
55 minutes, 31 seconds



One structure fire every
33 minutes, 14 seconds



One mobile property fire
every
48 minutes, 59 seconds

* statistics based on fire
incident reports submitted by
863 of Michigan's 1,077 fire
departments (80%)

If you have any questions, please contact the Fire Reporting and
Analysis Unit, Mary Nemeth, nemethm@michigan.gov
TX: 517.322.1939 FAX: 517.322.2908

Michigan Fire Service Directory
is located at www.mspsfmd.org.
To submit changes to the directory,
please contact Mary Nemeth at
nemethm@michigan.gov

Fire Safety Reminder - Self-Serve Gas Stations

By Timothy J. Bosman, Fire Marshal, Riverview Fire Department

Editor's Note: The following article was written as a reminder to the general public regarding the rules and regulations affecting self-serve fueling operations at our state's gas stations. We felt it was worth printing in Fire TIES, because we would like it to also serve as a reminder for local fire departments. Paying close attention to what is happening at your self-serve stations, and taking action against those who ignore the safety rules, can ward off a very serious explosion hazard and help to keep your communities safe.

Most people take for granted filling up their vehicles at gas stations. Little attention is paid to the warning signs posted at each pump. Each and every gas station in Michigan is regulated under Public Act 207, for proper operation and compliance with the laws governing them. It is also the responsibility of the person pumping the fuel to understand the rules as they are posted. Self-serve gas stations have been in existence for quite some time. When the old service station provided an employee to pump your gas, check your oil, and clean your windows, you were paying extra in the gas price

for this service. By allowing you, the consumer, to pump your own gas, prices could be lowered. But with this, certain laws were needed to keep the operations safe. The following are rules that govern self-serve stations, by which both the owner operators and the consumer (you) are required to abide by:

1. Vehicle must be turned off while pumping gas.
2. No smoking at the pump islands.
3. Use of cell phones while pumping gas is prohibited.
4. You must stay outside your vehicle while pumping gas.

5. Only approved portable containers can be used. Red for gasoline, yellow for diesel, and blue for kerosene.

Self-serve gas stations are under strict regulations, but you, as the consumer, should be aware that any of the items above are not just the station owner's responsibility, but yours also. Both you and the owner/operator can be fined for failure to comply.

These rules were set in place to provide a safe atmosphere when fueling. Please help keep our community safe.

Little attention is paid to the warning signs posted at each pump.

LPG Cylinders and Overfill Prevention Devices

The Michigan Department of Environmental Quality (MDEQ), Storage Tank Division (STD), would like to remind everyone that as of April 1, 2002, all Liquefied Petroleum Gas (LPG), cylinders in size from 4 lbs. to 40 lbs., are required to have an Overfill Protection Device (OPD). Any tank not equipped with an OPD cannot be legally filled in Michigan after this date. This would include most standard 20 lb. gas grill cylinders. The only exceptions to this requirement are cylinders used exclusively for industrial truck service (including forklift trucks), and cylinders identified and used for industrial welding and cutting gases.

The requirement for an OPD to be on these size cylinders is in the

National Fire Protection Association (NFPA) Pamphlet 58, Liquefied Petroleum Gas Code, 1998 Edition, and has been in effect since September 30, 1998. Any tank manufactured after this date is required to have this device already installed by the manufacturer. The OPD equipped tanks are easily recognized by their triangle-shaped (three-pronged) valve handle design, compared with the round valve handle design on the older cylinders without an OPD. Also, the letters "OPD" should be stamped directly on the valve body. The MDEQ-STD adopted by reference this pamphlet in its Michigan Liquefied Petroleum Gas (LPG) Rules, 2000 AACSR 29.4001 *et seq.*, and is the

authority having jurisdiction over these tanks.

Cylinders made prior to September 30, 1998, and without an OPD will need to be either refurbished with an approved OPD valve, or recycled. For a list of distributors or marketers in your area who may be able to refurbish or recycle these out-of-date cylinders, please go to the Michigan Propane Gas Association's web site at www.mipga.org and click under MEMBERS. Not all members may be able to accept these cylinders, so you may want to call ahead. For further information, please contact the MDEQ-STD, at 517.373.8168.

Cylinders made prior to September 30, 1998, and without an OPD will need to be either refurbished with an approved OPD valve, or recycled.

Victims of Arson

By Karen E. Towne, Michigan State Police, Fire Marshal Division
Leslie O'Reilly, Crime Victims Services Commission

The Crime Victims Rights Act created comprehensive rights of notification and participation in all stages of the criminal justice process for felony crime victims in Michigan.

For additional information, log on to Michigan's Crime Victim Rights and Services:
<http://www.michiganprosecutor.org/Victim.htm>.

Crime Victim Services Commission, Department of Community Health:
<http://www.michigan.gov/mdch/>

Click on *Site Map* and *Crime Victim Services Commission* links.

"Arson Victims: Suggestions for a System Response", Publication FA-177
www.usfa.fema.gov

The International Association of Arson Investigators, in conjunction with the National Arson Prevention Initiative, adopted "*Arson Is Not A Victimless Crime*" as the theme for Arson Awareness Week. Often the arson "victim" is also the perpetrator and the real victims may be overlooked. Those victims may be owners, employees, students, and occupants of public or private buildings that are intentionally burned. The impact will vary depending on the nature of the crime. The American Bar Association prepared an excellent overview of crime victim's rights as they pertain to arson and suggested program responses. Michigan has provided extensive Crime Victim Services since the mid-1980's.

Michigan's Crime Victim Services Commission oversees a wide range of services and funding for victims of crime. The Commission promotes services and supports that enhance the health, safety, dignity and rights of victims of crime throughout Michigan. The commission is appointed by the Governor and composed of a practicing attorney, a county prosecutor, a law enforcement officer, a member of the medical profession and a community-based victim advocate. The commission investigates and determines claims for crime victim compensation and monitors, evaluates and coordinates state and local victim assistance programs. The Criminal Assessment Act authorizes courts to order and collect financial assessments from criminal defendants to support these state

and local programs.

The crime victim compensation program provides limited financial assistance to innocent persons who receive bodily injury from the commission of a crime and who incur un-reimbursable financial losses as a result of the injury. Victim compensation is awarded as a last resort and publicly or privately sponsored insurance and court ordered restitution must be paid first. In addition, victim compensation is only awarded when the losses represent a financial hardship for the victim.

The program may award financial assistance to crime victims for the un-reimbursable costs of medical expenses, counseling, loss of earnings or support, and burial assistance to survivors. Loss of support may be paid to survivors upon the death of a victim of homicide if the victim was their primary source of support. The following items are not covered: property loss or damage; pain and suffering; crime scene clean up; relocation costs, living expenses or other costs.

There are limits on the amounts that can be paid. Applications for crime victim compensation are available from the Commission, from your county prosecutor, and from many victim service organizations and providers throughout the state. Program eligibility requires that the victim not be responsible for the crime or an accomplice, that the victim did not contribute to the injury by doing something dangerous or illegal to cause the injury to happen, and that the victim cooperate with the reasonable

requests of law enforcement and prosecution. It is not required that there be an arrest or prosecution of the person responsible for committing the crime; however, the victim is expected to reasonably assist with the investigation and any subsequent criminal case proceedings.

The Crime Victims Rights Act created comprehensive rights of notification and participation in all stages of the criminal justice process for felony crime victims in Michigan. In 1988, the law was amended to include the victims of serious misdemeanors and juvenile offenses. The law requires criminal justice agencies to include crime victims within the formal conduct of investigative, judicial, sentencing and post sentencing proceedings. The county prosecuting attorney provides a substantial amount of case management and advocacy work. The Commission recently introduced the *Michigan Crime Victim Notification Network* (MCVNN) 800.770.7657, a free, confidential service providing information and notification to victims of crimes.

While prosecution of the perpetrators of criminal acts is our goal, it is also important that we provide support to the victims of crimes by offering services and programs to assist in the recovery process.

National Threat Advisory System

The Homeland Security Advisory System was recently announced by U.S. Homeland Security Director, Governor Tom Ridge. It is intended to enhance the national homeland security and emergency management system in coordination with state and local governments.

The Michigan State Police Emergency Management

Division is working with the Michigan Homeland Security Task Force recently organized by Governor John Engler to review the new advisory system. The Task Force will evaluate and amend the federal advisory system to include more specific information and guidance for emergency management coordinators, public, private,

police and fire organizations and Michigan's citizens.

The Advisory System is explained below. Additional information may be obtained on the White House web site at www.whitehouse.gov/news/releases/2002/03/20020312-1.

It is intended to enhance the national homeland security and emergency management system in coordination with state and local governments.

Low Condition - Green

Low risk of terrorist attacks. The following protective measures may be applied:

- * Refining and exercising preplanned protective measures
- * Ensuring personnel receive training on HSAS, departmental, or agency-specified protective measures
- * Regularly assessing facilities for vulnerabilities and taking measures to reduce them

Guarded Condition - Blue

General risk of terrorist attack. In addition to the previously outlined protective measures, the following may be applied:

- * Checking communications with designated emergency response or command locations
- * Reviewing and updating emergency response procedures
- * Providing the public with necessary information

Elevated Condition - Yellow

Significant risk of terrorist attacks. In addition to the previously outlined protective measures, the following may be applied:

- * Increasing surveillance of critical locations
- * Coordinating emergency plans with nearby jurisdictions
- * Assessing further refinement of protective measures within the context of the current threat information
- * Implementing, as appropriate, contingency and emergency response plans

High Condition - Orange

High risk of terrorist attacks. In addition to the previously outlined protective measures, the following may be applied:

- * Coordinating necessary security efforts with armed forces or law enforcement agencies
- * Taking additional precaution at public events
- * Preparing to work at an alternate site or with a dispersed workforce
- * Restricting access to essential personnel only

Severe Condition - Red

Severe risk of terrorist attacks. In addition to the previously outlined protective measures, the following may be applied:

- * Assigning emergency response personnel and pre-positioning specially trained teams
- * Monitoring, redirecting and constraining transportation systems
- * Closing public and government facilities
- * Increasing or redirecting personnel to address critical emergency needs

Fire Fighters Exposed to Electrical Hazards During Wildland Fire Operations

Reprinted from the January 2002 issue of Hazard ID, a publication of the National Institute for Occupational Safety and Health

Among the various hazards fire fighters face are electrical hazards during wildland fire suppression activities. The National Fire Protection Association (NFPA) reports that 10 fire fighters died from contact with electricity during wildland fires between 1980 and 1999 (this figure does not include lightning strikes). As part of the National Institute for Occupational Safety and Health (NIOSH) Fire Fighter Fatality Investigation and Prevention program, NIOSH investigated two separate incidents in 1999 in which fire fighters died or were seriously injured from exposures to electricity while fighting wildland fires.

Fire fighters performing fire-ground operations near downed power lines may be exposed to electric shock hazards through the following means:

- * Electrical currents that flow through the ground and extend several feet (ground gradient)
- * Contact with downed power lines that are still energized
- * Overhead power lines that fall onto and energize conductive equipment and materials located on the fireground
- * Smoke that becomes charged and conducts electrical current
- * Solid-stream water applications on or around energized, downed power lines or equipment

Case Study #1

On June 23, 1999, a 20-year old male volunteer fire fighter was electrocuted while fighting a grass fire. The volunteer fire fighter was one of a crew dispatched to a grass fire where a power line was reported to be

down. The volunteer fire fighter arrived and immediately helped the deputy chief and a fire fighter/paramedic extinguish the fire on the east flank. The volunteer fire fighter then walked toward a smoldering pile of brush near the downed power line. As he pulled a charged, 1-inch line over the uneven terrain, he apparently tripped and fell onto the 6,700 volt, downed power line. Other fire fighters on the fire ground used a nonconductive tool to pull the line from under the victim. He was moved to the street, received cardio-pulmonary resuscitation (CPR), and was then taken to a local hospital, where he was pronounced dead.

Case Study #2

On October 4, 1999, a 20-year-old male volunteer fire fighter was electrocuted and two other fire fighters were injured when they contacted an energized electric fence while fighting a grass fire. Central Dispatch notified the fire department of a fire that was started when a downed power line ignited the surrounding grass. The chief arrived first, followed by Engine 1 and two fire fighters. The chief indicated to Central Dispatch and to the responding fire fighters that the electric fence bordering the area was energized by the downed power line. The driver of Engine 1 and the three fire fighters crawled underneath the bottom wire of the electric fence. They positioned themselves approximately 50 feet from the downed power line and attacked the primary fire. After the fire was extinguished, the three fire fighters crawled under

the fence a second time. The two surviving fire fighters do not remember the injury event. However, it is believed that when one of the survivors was crawling on her back under the electric fence, a hook from her bunker coat might have contacted the bottom wire of the fence. It is believed that the other two fire fighters were shocked while trying to help the fire fighter who was still energized. All three were removed from the energized area, and basic first aid procedures were administered until the ambulance arrived. One of the injured was transported by helicopter to an area hospital, and another was transported by ambulance to the local hospital and later to the burn unit of an area hospital. The third fire fighter was pronounced dead on arrival at a local hospital.

Recommendations for Prevention

To minimize the risk of electrocution, electrical shock, and electricity-related burns while fighting wildland fires, NIOSH recommends that fire departments and fire fighters take the following precautions:

Fire departments should do the following:

- * Keep fire fighters a minimum distance away from downed power lines until the line is de-energized. This minimum distance should equal the span between two poles.
- * Ensure that the Incident Commander conveys strategic decisions related to power line location to all suppression crews on the fireground and continually reevaluates fire conditions.

(continued on page fourteen)

The National Fire Protection Association (NFPA) reports that 10 fire fighters died from contact with electricity during wildland fires between 1980 and 1999...

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**Region supervisors toll-free
numbers are listed on the
back page of Fire TIES.**

MFFTC Regional Re-tests Scheduled 3rd Edition FF-I, II and I & II

The Michigan Fire Fighters Training Council (MFFTC) has scheduled regional retests at Alpena, Gwinn, Lansing and Swartz Creek. Individuals who need to retake the written and/or practical stage of a 3rd Edition Fire Fighter I, II, or I & II exam may apply. **No challenge applicants will be accepted.**

Each MFFTC Region Supervisor will be registering test candidates for the test(s) in their respective region. To schedule a retest, applicants must submit a written request and a copy of their "Notification of Fire Fighter Examination Results." (*Note: Applicants must include their mailing address, phone number, fire department name and FDID number.*)

Pre-service students may apply to retest if the original Regional Training Center assumes responsibility and liability for the pre-service student while retesting. This must be in writing on RTC letterhead and accompany the written request and copy of Examination Results.

The MFFTC implemented the

International Fire Service Training Association (IFSTA) Essentials of Fire Fighting, 4th Edition curriculum on October 1, 2001. Implementation of the new curriculum necessitated changes in the written and practical examinations.

These Region retests were scheduled to accommodate fire fighters who need to retest the written and/or practical portions of 3rd Edition test.

An individual who has failed a FF I, II or I & II written and/or practical examination based on the Essentials of Fire Fighting 3rd Edition, must retest in a 3rd Edition exam. A 3rd Edition re-test candidate **cannot** retest at a 4th Edition curriculum test site.

This will be the last opportunity to retest for the 3rd Edition Fire Fighter I, II or I & II exam.

All requests received less than (6) six weeks prior to the test date will be returned. Applications will be handled on a first come, first served basis, so please apply early. All applicants will be notified in writing whether or not they are scheduled for a test.

Training Burns in Acquired Structures

By Joel Asher, Department of Environmental Quality

The Asbestos National Emission Standards for Hazardous Air Pollutants (NESHAP), 40 CFR, Part 61, Subpart M, regulates renovations including asbestos removal and demolition activities at commercial/industrial facilities. Under NESHAP, all owners/operators are fully liable for compliance. **Intentional burning for fire training is regulated by these state and federal standards.** City and township governments are covered under these

regulations and are liable for any violations. Generally, privately owned, residential structures (4 or less dwelling units) are exempt from the above regulation **except if these structures are to be intentionally burned, then they are regulated by the Asbestos NESHAP, as is any other type of building intentionally burned.**

Prior to beginning the burn, NESHAP requires:
* A thorough survey to determine the presence of asbestos. It

3rd EDITION Regional Re-Test Schedule:

Saturday, June 8, 2002, 8:00 AM
Alpena Air National Guard Base, Alpena, MI
Apply to: Lorraine Schwarz - Region 1 Super.
Michigan Fire Fighters Training Council
1504 W. Washington St., Suite A
Marquette, MI 49855
Questions: 888-879-6459

Saturday, June 15, 2002, 8:00 AM
Forsyth Township FD, Gwinn, MI
Apply to: Lorraine Schwarz - Region 1 Super.
Michigan Fire Fighters Training Council
1504 W. Washington St., Suite A
Marquette, MI 49855
Questions: 888-879-6459

Saturday, June 22, 2002, 8:00 AM
Lansing FD Training Center, Lansing, MI
Apply to: Gary Crum - Region 2 Super.
Michigan Fire Fighters Training Council
588 3 Mile Road NW
Grand Rapids, MI 49544
Questions: 877-475-0844

Saturday, June 29, 2002, 8:00 AM
Swartz Creek Area FD, Swartz Creek, MI
Apply to: Deward Beeler - Region 3 Super.
Michigan Fire Fighters Training Council
411B E. Genesee
Saginaw, MI 48607
Questions: 888-879-6458

is recommended that this survey be done by a person trained in recognizing potential asbestos-containing material. Sample analysis must be performed to determine the presence of asbestos.

* All asbestos-containing materials must be removed and disposed of in accordance with NESHAP.

* A 'Notification of Intent to Renovate/Demolish' form must be submitted to the Department

of Environmental Quality at least 10 working days prior to beginning the burn.

Other projects involving renovation/demolition may be regulated by NESHAP. For questions or to obtain a copy of these regulations and other

pertinent documents, information can be found on the internet at http://www.michigan.gov/deq/1,1607,7-135-3310_4106-11856-.00.html.

Specific questions regarding asbestos and training burns south of Houghton Lake can be

directed to Robert Christmas at 517.335.4639. Questions about training burns from Houghton Lake north can be directed to Joel Asher at 906.228.6568.



Scheduling Training Videos and Recording Testing Sessions

By Gary Crum, Region 2 Supervisor

Q. I am the training officer for my department and would like to borrow some videos from the MFFTC for our in-house training. Can I do this?

A. Yes. However, priority will be given to requests for videos used with MFFTC registered courses. Other video requests are restricted to MFFTC registered Fire Department Training Officers and Certified instructors. If you are the Fire Department Training Officer and are not registered as such with MFFTC, you should fill out the Fire Department Training Officer application form FMD-241. (You can download this form from the MFFTC web site at MFFTC.org). Once we process this completed form in Lansing, you will be given library privileges.

To schedule a video other than for use with a registered course, the Fire Department Training Officer or MFFTC instructor must

submit a FMD-104 Video Schedule form (you can download this form off the MFFTC web site at mfftc.org) and a written request, on department letterhead, indicating the purpose for the request **six weeks before the use date**. Because of the volume of requests for videos, telephone or walk-in requests cannot be accepted.

The video will be shipped via United Parcel Service (UPS) five days prior to the designated use date. Videos must be returned UPS so they are received in the MFFTC Lansing office on or before the seventh day following the scheduled use date. If you do not have ready access to a UPS facility, the United States Postal Service (USPS) may be used. There are certain criteria that must be followed when returning the video via USPS (Refer to our web site under FAQ's, August 2001 articles from FireTIES for complete details).

Q. Some of our members are about to take the state fire fighter exam. Our local television station would like to film it for file footage. Can they do this?

A. No. We have clear restrictions that are imposed to provide a professional atmosphere conducive to testing and to insure test candidates the best opportunity for success. Only

authorized personnel consisting of test candidates, test team members and Proctor(s) are allowed into the test site, unless the Region Supervisor gives prior approval.

Our policy states that no one may photograph, videotape or record any part of an exam, unless the Region Supervisor gives prior approval. As a general rule, this will not be granted to insure minimal distractions for the test candidate. We should note that this policy applies to anyone who desires to photograph any part of the exam, and not necessarily just the news media.

If you have questions pertaining to the programs and services provided by the Michigan Fire Fighters Training Council that you would like addressed in this column, please contact your MFFTC Region Supervisor listed on the back page of *Fire TIES*. If you have a question, no doubt there are many others who probably have the same question. We look forward to hearing from you!

NOTE: Previous *Issues & Answers* columns are posted at www.mfftc.org.



Our policy states that no one may photograph, videotape or record any part of an exam, unless the Region Supervisor gives prior approval.

MFFTC Registered Training

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

| Start Date | Time | End Date | Co. | Location | Course Manager | Phone |
|--|--------|----------|-----|--------------|-------------------|--------------|
| FIRE FIGHTER - BASIC | | | | | | |
| Fire Fighter II | | | | | | |
| 05/21/02 | 8:00am | 06/29/02 | 51 | Arcadia | Michael Cederholm | 231.946.4593 |
| 08/01/02 | 7:00am | 09/29/02 | 29 | Ithaca | Kenneth Smith | 810.236.2012 |
| 08/05/02 | 6:00pm | 09/28/02 | 35 | Tawas | Gerald Hunt | 989.739.8587 |
| Fire Fighter II Exam | | | | | | |
| 05/24/02 | 6:00pm | 05/25/02 | 66 | Ontonagon | Michael Pinar | 906.827.3433 |
| Fire Fighter I & II (3rd Edition Region Re-test Exam) | | | | | | |
| 06/08/02 | 8:00am | 06/08/02 | 04 | Alpena | Lorraine Schwarz | 888.879.6459 |
| 06/15/02 | 8:00am | 06/15/02 | 52 | Gwinn | Lorraine Schwarz | 888.879.6459 |
| 06/22/02 | 7:45am | 06/22/02 | 33 | Lansing | Gary Crum | 616.647.0844 |
| 06/29/02 | 8:00am | 06/29/02 | 25 | Swartz Creek | Deward Beeler | 888.879.6458 |
| Fire Fighter I & II | | | | | | |
| 03/05/02 | 6:00pm | 08/31/02 | 39 | Portage | Stacy French | 616.329.4492 |
| 04/15/02 | 6:30pm | 09/29/02 | 47 | Brighton | Donald Hall | 810.229.6640 |
| 05/13/02 | 6:00pm | 08/13/02 | 82 | Taylor | Charles Pichan | 313.496.2712 |
| Fire Fighter I & II Exam | | | | | | |
| 09/07/02 | 8:00am | 09/07/02 | 27 | Watersmeet | Lorraine Schwarz | 888.879.6459 |
| 09/14/02 | 8:00am | 09/14/02 | 25 | Swartz Creek | Deward Beeler | 888.879.6458 |
| 09/21/02 | 8:00am | 09/21/02 | 49 | St. Ignace | Lorraine Schwarz | 888.879.6459 |
| 09/28/02 | 7:45am | 09/28/02 | 33 | Lansing | Gary Crum | 616.647.0844 |

| APPARATUS | | | | | | |
|---|--------|----------|----|----------|--------------|--------------|
| Apparatus & Pump Operations - FFI & II | | | | | | |
| 06/01/02 | 9:00am | 06/05/02 | 82 | Westland | John Smilnak | 734.462.4770 |
| 06/03/02 | 9:00am | 06/06/02 | 82 | Taylor | John Smilnak | 734.462.4770 |

| DRIVER TRAINING | | | | | | |
|------------------------|--------|----------|----|--------------|-----------------|--------------|
| Driver Training | | | | | | |
| 05/16/02 | 7:00pm | 05/30/02 | 67 | Reed City | Ross Momany | 231.832.3289 |
| 05/18/02 | 8:00am | 05/18/02 | 21 | Gladstone | Paul Geyer | 906.428.3131 |
| 05/18/02 | 9:00am | 05/18/02 | 61 | Muskegon | Matthew Burns | 231.766.3277 |
| 05/20/02 | 8:00am | 05/20/02 | 82 | Detroit | William Jones | 313.237.3170 |
| 05/23/02 | 9:00am | 05/30/02 | 58 | Monroe | Allen Bruck | 734.994.1527 |
| 05/23/02 | 7:00pm | 05/30/02 | 58 | Monroe | Adam Massingill | 313.215.2560 |
| 05/28/02 | 7:00pm | 06/01/02 | 75 | Three Rivers | Frederick White | 616.673.8061 |
| 06/04/02 | 6:00pm | 06/13/02 | 41 | Belmont | Rick Vanhorn | 616.866.1553 |
| 06/11/02 | 7:00am | 06/13/02 | 55 | Stephenson | Thomas Philipps | 906.788.4242 |
| 06/15/02 | 9:00am | 06/15/02 | 74 | Port Huron | John Jeffries | 810.989.5753 |
| 06/29/02 | 8:00am | 06/29/02 | 41 | Lowell | Ronald Thomet | 616.676.3113 |
| 07/08/02 | 9:00am | 07/08/02 | 82 | Livonia | Shadd Whitehead | 734.466.9281 |
| 07/16/02 | 7:00pm | 08/20/02 | 73 | Merrill | Kenneth Smith | 810.236.2012 |
| 09/16/02 | 6:30pm | 09/17/02 | 36 | Iron River | Thomas Ivey | 715.479.9811 |

| ARSON DETECTION/INVESTIGATION | | | | | | |
|--|--------|----------|----|------------|---------------|--------------|
| Detection Of Arson And Suspicious Fires | | | | | | |
| 05/18/02 | 8:00am | 05/19/02 | 58 | Temperance | Ricky Kleinow | 734.654.2622 |

| FIRE OFFICER | | | | | | |
|-----------------------|--------|----------|----|-----------|--------------|--------------|
| Fire Officer I | | | | | | |
| 05/21/02 | 6:00pm | 10/15/02 | 81 | Ann Arbor | John Smilnak | 734.462.4770 |

| HAZARDOUS MATERIALS | | | | | | |
|--|---------|----------|----|-------------|-------------------|--------------|
| Haz Mat First Responder - Awareness | | | | | | |
| 05/20/02 | 6:00pm | 05/20/02 | 22 | Kingsford | Dennis Charette | 906.774.2525 |
| 05/21/02 | 6:00pm | 05/21/02 | 66 | Ontonagon | Michael Pinar | 906.827.3433 |
| 05/23/02 | 6:00pm | 05/23/02 | 27 | Watersmeet | Joseph Cayer | 906.932.1234 |
| 05/25/02 | 8:00am | 05/25/02 | 82 | Riverview | Brent Hardin | 734.281.4265 |
| 05/25/02 | 8:30am | 05/25/02 | 39 | Kalamazoo | Patrick Butler | 616.345.0313 |
| 05/25/02 | 8:30am | 05/25/02 | 39 | Kalamazoo | Patrick Butler | 616.345.0313 |
| 05/28/02 | 6:00pm | 05/28/02 | 39 | Kalamazoo | Ken Howe | 616.375.0487 |
| 05/30/02 | 6:00pm | 05/30/02 | 63 | Holly | Jerry Hobson | 248.634.7722 |
| 06/04/02 | 12:00pm | 06/04/02 | 82 | Garden City | Robert Perry | 734.462.4745 |
| 06/05/02 | 6:00pm | 06/05/02 | 74 | St. Clair | John Jeffries | 810.989.5753 |
| 06/10/02 | 8:00am | 06/10/02 | 82 | Detroit | William Jones | 313.237.3170 |
| 06/24/02 | 6:00pm | 06/25/02 | 82 | Taylor | Charles Pichan | 313.496.2712 |
| HazMat First Responder - Operations | | | | | | |
| 05/17/02 | 8:00am | 05/18/02 | 51 | Arcadia | Michael Cederholm | 231.946.4593 |
| 05/18/02 | 8:00am | 05/23/02 | 47 | Brighton | Donald Hall | 810.229.6640 |
| 05/27/02 | 8:30am | 06/10/02 | 39 | Kalamazoo | Patrick Butler | 616.345.0313 |
| 05/27/02 | 6:30pm | 06/10/02 | 39 | Kalamazoo | Patrick Butler | 616.345.0313 |
| 05/30/02 | 6:00pm | 06/08/02 | 39 | Kalamazoo | Ken Howe | 616.375.0487 |
| 06/01/02 | 8:00am | 06/10/02 | 63 | Holly | Jerry Hobson | 248.634.7722 |
| 06/05/02 | 9:00am | 06/07/02 | 82 | Garden City | Robert Perry | 734.462.4745 |
| 06/11/02 | 8:00am | 06/14/02 | 82 | Detroit | William Jones | 313.237.3170 |
| 07/06/02 | 8:00am | 08/31/02 | 63 | Novi | Thomas Johnson | 248.349.2162 |
| 07/16/02 | 6:00pm | 07/25/02 | 39 | Portage | Stacy French | 616.329.4492 |
| 07/30/02 | 5:30pm | 08/13/02 | 82 | Taylor | Charles Pichan | 313.496.2712 |
| 08/24/02 | 8:00am | 09/21/02 | 35 | Tawas | Gerald Hunt | 989.739.8587 |
| 09/19/02 | 6:30pm | 09/28/02 | 29 | Ithaca | Kenneth Smith | 810.236.2012 |

| Start Date | Time | End Date | Co. | Location | Course Manager | Phone |
|---|--------|----------|-----|---------------|-----------------|--------------|
| Incident Command System | | | | | | |
| 05/18/02 | 9:00am | 05/19/02 | 74 | Port Huron | John Jeffries | 810.989.5753 |
| 06/22/02 | 8:00am | 06/23/02 | 36 | Iron River | Richard Caudill | 906.358.0311 |
| 06/29/02 | 8:00am | 06/29/02 | 67 | LeRoy | Robert Sytsema | 231.780.2500 |
| Clandestine Drug Lab - Awareness | | | | | | |
| 05/18/02 | 8:00am | 05/18/02 | 45 | Suttons Bay | Raymond Haring | 231.922.2888 |
| 05/21/02 | 6:00pm | 05/21/02 | 41 | Wyoming | Craig Miller | 616.249.3497 |
| 06/05/02 | 6:00pm | 06/05/02 | 77 | Manistique | Robert Schwarz | 906.226.8174 |
| Cargo Tank Training | | | | | | |
| 05/22/02 | 6:00pm | 05/22/02 | 61 | Norton Shores | Andy Casperson | 231.780.2500 |
| 06/08/02 | 9:00am | 06/08/02 | 03 | Otsego | Dan Duguid | 231.938.0714 |

| HEALTH/SAFETY | | | | | | |
|---|--------|----------|----|-------------------|------------------|--------------|
| Fire Fighter Health & Safety | | | | | | |
| 06/01/02 | 8:00am | 06/02/02 | 28 | Traverse City | Joe Corden | 231.943.3473 |
| Fire Fighter Safety & Survival | | | | | | |
| 09/07/02 | 8:00am | 09/08/02 | 29 | Ithaca | Kenneth Smith | 810.236.2012 |
| 09/14/02 | 9:00am | 09/15/02 | 09 | University Center | Donald Couturier | 989.686.9020 |
| Incident Safety Officer | | | | | | |
| 06/15/02 | 8:00am | 06/16/02 | 28 | Traverse City | Joe Corden | 231.943.3473 |

| INSTRUCTOR DEVELOPMENT | | | | | | |
|---|--------|----------|----|----------|------------------|--------------|
| Educational Methodology | | | | | | |
| 08/03/02 | 8:00am | 08/04/02 | 29 | Ithaca | Kenneth Smith | 810.236.2012 |
| 09/28/02 | 8:00am | 09/29/02 | 76 | Sandusky | Tom Dickensheets | 810.679.4824 |
| Instructional Techniques for Co. Officer | | | | | | |
| 05/29/02 | 9:00am | 05/30/02 | 50 | Fraser | Anthony Kowalski | 810.498.4056 |

| MANAGER/SUPERVISOR DEVELOPMENT | | | | | | |
|--|--------|----------|----|-------------------|------------------|--------------|
| Records & Reports | | | | | | |
| 05/18/02 | 8:00am | 05/18/02 | 67 | Leroy | Ross Momany | 231.832.3289 |
| 06/08/02 | 8:00am | 06/08/02 | 29 | Ithaca | Kenneth Smith | 810.236.2012 |
| 09/28/02 | 9:00am | 09/28/02 | 09 | University Center | Donald Couturier | 989.686.9020 |
| Fire Service Supervision - Team | | | | | | |
| 05/03/02 | 6:00pm | 05/04/02 | 70 | Grand Haven | David Purchase | 231.780.2500 |
| 05/11/02 | 9:00am | 05/12/02 | 74 | Port Huron | John Jeffries | 810.989.5753 |
| Leadership I | | | | | | |
| 06/01/02 | 9:00am | 06/02/02 | 74 | Port Huron | John Jeffries | 810.989.5753 |
| Leadership II | | | | | | |
| 05/16/02 | 9:00am | 05/17/02 | 82 | Taylor | John Smilnak | 734.462.4770 |
| 06/08/02 | 9:00am | 06/09/02 | 74 | Port Huron | John Jeffries | 810.989.5753 |
| 06/14/02 | 6:00pm | 06/15/02 | 41 | Grand Rapids | Michael Larabel | 616.787.6679 |
| Leadership III | | | | | | |
| 05/18/02 | 9:00am | 05/19/02 | 63 | Auburn Hills | Ronald Deadman | 248.232.4580 |
| 06/11/02 | 9:00am | 06/12/02 | 82 | Taylor | John Smilnak | 734.462.4770 |
| 06/15/02 | 9:00am | 06/16/02 | 74 | Port Huron | John Jeffries | 810.989.5753 |
| 06/22/02 | 8:00am | 06/23/02 | 28 | Traverse City | Joe Corden | 231.943.3473 |

| RESCUE | | | | | | |
|---------------------------------------|--------|----------|----|-----------|----------------|--------------|
| Vehicle Extrication | | | | | | |
| 05/18/02 | 8:00am | 05/19/02 | 72 | Roscommon | Raymond Haring | 231.922.2888 |
| Advanced Vehicle Stabilization | | | | | | |
| 05/18/02 | 8:00am | 05/18/02 | 72 | Roscommon | Raymond Haring | 231.922.2888 |
| 05/19/02 | 8:00am | 05/19/02 | 72 | Roscommon | Raymond Haring | 231.922.2888 |

| SUPPRESSION | | | | | | |
|---|---------|----------|----|----------|-----------------|--------------|
| Building Construction: Principles | | | | | | |
| 07/13/02 | 8:00am | 07/14/02 | 29 | Ithaca | Kenneth Smith | 810.236.2012 |
| Managing Co. Tactical Operations - Preparing | | | | | | |
| 05/18/02 | 8:00am | 05/19/02 | 33 | Okemos | David Harper | 517.347.5055 |
| 05/10/02 | 6:00pm | 05/11/02 | 67 | LeRoy | Robert Sytsema | 231.780.2500 |
| Managing Co. Tactical Operations - Decision | | | | | | |
| 05/18/02 | 8:00am | 05/19/02 | 29 | Ithaca | Kenneth Smith | 810.236.2012 |
| Flammable Liquids | | | | | | |
| 06/06/02 | 9:00am | 06/06/02 | 82 | Westland | John Smilnak | 734.462.4770 |
| 06/07/02 | 9:00am | 06/07/02 | 82 | Taylor | John Smilnak | 734.462.4770 |
| Introduction to Wildland Fire Suppression | | | | | | |
| 05/22/02 | 10:00am | 05/23/02 | 75 | Colon | David Desjardin | 616.795.9393 |
| Ventilation | | | | | | |
| 06/05/02 | 6:00pm | 06/05/02 | 48 | Newberry | Robert Schwarz | 906.226.8174 |

| WATER SUPPLY | | | | | | |
|----------------------------------|--------|----------|----|----------|----------------|--------------|
| Mutual Aid Tanker Shuttle | | | | | | |
| 09/04/02 | 6:00pm | 09/18/02 | 48 | Newberry | Robert Schwarz | 906.226.8174 |

Michigan Hazardous Materials Training Center Training Advisory

Applications are now being accepted for the following courses for June 2002. Please contact the Michigan State Police, Hazardous Materials Training Center, for further information at 517.322.1190.

| Course Name | Dates | Cost |
|--|------------|-------|
| Trench Rescue - Technician | June 3-5 | \$350 |
| Incident Command & Management of WMD Incidents | June 6 | \$50 |
| Hospital Decon for Hazmat/WMD Incidents | June 7 | \$50 |
| Air Monitoring for Hazardous Materials | June 10-12 | \$245 |
| Hazardous Materials Sampling | June 13-14 | \$195 |
| SCBA/SCUBA Visual Cylinder Inspector Workshop | June 14 | \$145 |
| HazMat Incident Response Operations 165.5 | June 17-21 | \$495 |

MSP Fire Investigation 2002 Schedule

Basic Fire Investigation School (80 hours)

Dates: Fall Session: September 9-20, 2002

Application Deadline: June 21, 2002

Tuition: \$500

Vehicle Fire Investigation School

Dates: October 7-11, 2002

Application Deadline: September 13, 2002

Tuition: \$250

Arson Follow-Up School

Dates: August 19-23, 2002

Application Deadline: August 2, 2002

Tuition: \$250

Contact: D/Lt. Jim Shinsky 517.322-5463 or

Spl/Sgt. Chad Coney 517.322.5783

Call 517.322.1938 for appropriate training application form.

Class information, prerequisites and registration requirements can be obtained at www.mspcmd.org.

Fire Service Expo

The Michigan Fire Service EXPO Executive Committee announces the development of a new information web site. Log on to www.mi-fire-expo.org for updated information regarding vendors, educational seminars, expo costs and much more!



Michigan Fire Service Expo

June 18-22, 2003

Amway Grand

Grand Rapids, MI

www.mi-fire-expo.org

The “**first ever**” Michigan Fire Service EXPO sponsoring organizations:

- | | |
|--|--|
| * International Association of Arson Investigators, MI Chapter | * MI Dept. of Environmental Quality - Storage Tank Division |
| * MI Arson Prevention Committee | * MI Dept. of Natural Resources - Forest, Mineral & Fire Mgmt |
| * MI Association of Fire Chiefs | * MI Dept. of Consumer and Industry Serv. - Bureau of Safety and Regulation |
| * MI Fire Fighters Training Council | - Emergency Medical Services |
| * MI Fire Inspectors Society | - Office of Fire Safety |
| * MI Fire Service Instructors Association | * MI Dept. of State Police - Emergency Management Division |
| * MI Professional Fire Fighters Union | - Fire Marshal Division |
| * MI State Firemen’s Association | |

Wildland Fire Fighting continued

(continued from page nine)

Ensure that fire fighters are equipped with the proper personal protective equipment...

- * Establish, implement, and enforce standard operating procedures (SOPs) that address the safety of fire fighters when they work near downed power lines or energized electrical equipment. For example, assign one of the fireground personnel to serve as a spotter to ensure that the location of the downed line is communicated to all fireground personnel.
- * Do not apply solid-stream water applications on or around energized, downed power lines or equipment.
- * Ensure that protective shields, barriers, or alerting techniques are used to protect fire fighters from electrical hazards and energized areas. For example, rope off the

energized area.

- * Train fire fighters in safety-related work practices when working around electrical energy. For example, treat all downed power lines as energized and make fire fighters aware of hazards related to ground gradients.
- * Ensure that fire fighters are equipped with the proper personal protective equipment (Nomex clothing compliant with NFPA standard 1500 [NFPA 1997], leather boots, leather gloves, etc) and that it is maintained in good condition.
- * Ensure that rubber gloves and dielectric overshoes and tools (insulated sticks and cable cutters) for handling energized

equipment are used by properly trained and qualified personnel.

Fire fighters should do the following:

- * Assume all power lines are energized and call the power provider to de-energize the line(s).
- * Wear appropriate personal protective equipment for the task at hand - Nomex clothing compliant with NFPA standard 1500, rubber gloves, and dielectric overshoes and tools (insulated sticks and cable cutters).
- * Do not stand or work in areas of dense smoke. Dense smoke can obscure energized electrical lines or equipment and can become charged and conduct electrical current.

Announcements

Oakland Fire Training Institute Of Oakland Community College announces the following programs:

The Principles of Fire Protection Engineering, sponsored by the International Fire Marshal's Association and Society of Fire Protection Engineers.

Date: June 10-13, 2002

Program Contact: James Shank, 248.232.4580

Swedish Flashover Training - live fire training using Class A combustibles. For additional information, contact the Fire Training Institute at 248.232.4580

NFPA Plans Examiner I Class

The Kalamazoo Department of Public Safety Fire Marshal's Office will be sponsoring a NFPA Plans Examiner I Class on July 16-19, 2002.

Location: Kalamazoo Radisson Hotel.

Cost is \$325 (includes tuition, a continental breakfast each morning and lunch on Friday.)

Class is limited to the first 35 students.

Contact Marty Myers at 616.337.8285 for application information.

Northwest Regional Fire Training Center Fire Officer Courses

Due to unforeseen circumstances, the new Fire Officer courses are delayed until October 2003. The old Fire Officer courses will continue for one more year: October 2002 through June 2003.

International Flag Plaza

The "International Flag Plaza" will be a tribute honoring all those who respond to 911 calls in the U.S. and Canada. The plaza will be located in Port Huron, adjacent to Lake Huron, north of the Blue Water Bridge. For \$25, your 4" x 8" brick may be inscribed with three lines, each with 12 characters and/or spaces per line. 16" x 16" bricks may be purchased and will be quoted on an individual basis. If you are interested in purchasing an "engraved tribute brick", call 810.984.9751.

Fire Chief Wanted

The White Lake Fire Authority in Whitehall, Michigan is accepting applications for the position of Fire Chief. Salary range \$38-48,000 plus benefit package. Send letter of application, resume and three professional references to Bill Richards, 23600 Liberty St, Farmington, MI 48335. For application information, call 248.474.5500 ext. 214, or email brichards@ci.farmington.mi.us or Applications are due at the above address on May 30, 2002 by 4:00pm, local time. EOE.

Fire Fighter/Paramedic

City of Roseville accepting applications to create an employment list. Starting salary of \$30,435/year. Contact the Clerk's office at 586.445.5440 or check the web site at www.ci.roseville.mi.us for information on application process. Applications must be received by Tuesday, July 9, 2002 at 3:30 p.m. EOE.

Fire Fighter Wanted

Bloomfield Township Fire Department now accepting applications for fire fighter. Applications must be obtained in person between the hours of 8:00 a.m. and 4:00 p.m. at Bloomfield Township Fire Department, 1155 Exeter, Bloomfield Hills, MI 48302 (1 block south of Long Lake Blvd., 1 block west of Telegraph.)

Completed applications must be received at the above address no later than 4:00 p.m. on July 31, 2002.

For Sale

1976 Ford F-750 Tanker. 2,000 gallon tank, Newton 10" rear quick dump, rear mounted 250 gpm portable pump, 5-speed transmission, 389XD V8 engine (recent overhaul), new brakes, low mileage. Minimum bid \$5,000.

Contact: Chief Richard Martin, Roscommon Twp FD @ 989.422.3533

1979 Ford L-900. 1,000 gpm 2-stage Hale pump, 750 gallon water tank, body, pump, engine all in good shape.

Contact: Chief Ron Christians at Alpine Twp FD. for proposal request form at 616.784.5750. Email alpinefd@iserv.net. Proposals accepted no later than May 15, 2002 at 4:00 p.m.

Fire TIES

Fire TIES is published monthly to promote and maintain a fire safe environment with a focus on fire/fraud investigations, public fire safety and arson prevention education, fire statistics and analysis, and fire fighter training.

Opinions expressed are those of the authors and do not necessarily represent the opinions of the State Fire Marshal or the Michigan Fire Fighters Training Council, unless so noted in the article.

Material submitted to Fire TIES should be of current interest statewide and must be received by the first of the month prior to publication. Persons interested in furnishing material should forward it to: **Fire TIES**, State Fire Marshal's Office: 7150 Harris Drive, Lansing MI 48913.

Editorial Committee Members
Colleen Mohr-SFM 517.322.1750
Gregory Kirt-MFFTC 517.322.5444

Fire TIES Subscription

Name: _____

Agency: _____

Address: _____

City : _____ State: _____ Zip: _____

Send this form and check or money order payable to: State of Michigan
Michigan State Police
Cashier - Fire TIES
714 S. Harrison Road
East Lansing, MI 48823

Subscription rate: 12 issues - \$15.00

Calendar of Events

Service Directory

Fire Marshal Division Headquarters

TX: 517.322.1924
Fax: 517.322.2908
www.mspfmd.org

Fire Investigation 888.684.FIRE

Arson Hot Line 800.44ARSON

Public Fire Education 517.322.1750

NFIRS 517.322.1939

MFFTC Headquarters TX: 517.322.5444 FAX: 517.322.6540 www.mfftc.org

MFFTC Marquette Lorraine Schwarz TX: 888.879.6459 FAX: 906.225.0834 schwarzl@michigan.gov

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MFFTC Saginaw Deward Beeler TX: 888.879.6458 FAX: 989.758.1980 beelerd@michigan.gov

May

- 8 **MI Fire Service Instructors Association**, 9:00 a.m., South Regional Meeting, Saginaw Twp. Fire Dept., Saginaw 989.792.9691
- 9 **Southeastern MI Fire Chiefs Association**, Noon, General Meeting, Madison Heights
- 14 **MI Arson Prevention Committee**, General Membership, Ann Arbor
- 14 **MI Public Education Advisory Committee**, 10:00 a.m., General Office Building, Lansing
- 15 **State Fire Safety Board**, 1:00 p.m., General Office Building, Conf. Rm. B, Lansing
- 16 **MI Fire Service Expo Executive Committee**, 9:00 a.m., General Office Building, Conf. Rm. B, Lansing
- 16 **MI Joint Fire Service Council**, 10:30 a.m., General Office Building, Conf. Rm. B, Lansing
- 18-20 **MI State Firemen's Association**, Spring Fire School

June

- 12 **MI Fire Service Instructors Association**, 1:00 p.m., Saginaw-Chippewa Tribal Fire Dept., Mt. Pleasant
- 12 **MI Fire Fighters Training Council**, 9:00 a.m. Work Session, 10:00 a.m. Business Meeting, General Office Building, Conf. Rm. B, Lansing
- 19-24 **MI State Firemen's Association**, Summer Conference, Comstock Inn, Owosso
- 19 **MI Fire Inspectors Society**, Summer Outing, Webberville
- 20 **MI Fire Service Expo Executive Committee**, 9:00 a.m., General Office Building, Conf. Rm. B, Lansing
- 20 **MI Joint Fire Service Council**, 10:30 a.m., General Office Building, Conf. Rm. B, Lansing
- 26 **Western MI Association of Fire Chiefs**, General Membership, Grand Haven

July

- 2 **MI Arson Prevention Committee**, General Membership, Bayview Yacht Club
- 10 **MI Fire Service Instructors Association**, TBA
- 17 **State Fire Safety Board**, 1:00 p.m., General Office Building, Conf. Rm. B, Lansing
- 21 or 22 **Western MI Association of Fire Chiefs**, Executive Board Meeting, Time TBA, Grand Rapids
- 25 **U.P. Fire Chiefs Association**, 9:00 a.m., C.S.T., Ironwood
- 25-27 **U.P. Firemen's Tournament**, Ironwood
- 29 **MI Fire Inspectors Society**, Executive Board Meeting, 10:00 a.m., Traverse City

To submit activities for this calendar, call Colleen Mohr at 517.322.1750 Fax 517.322.2908 or mohrc@michigan.gov

"Quote of the Month"

"The method of the enterprising is to plan with audacity and execute with vigor."

Christian Bovee

If you would like to share your favorite quote, please send it to Colleen Mohr and include the author if known. If we use your quote, we will credit you with submitting it.

