



Fire TIES

• Training • Investigation • Education • Statistics

Fire Ties is a Joint Publication of the Michigan State Fire Marshal's Office and Michigan Fire Fighters Training Council



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Zippotricks.com - Revisited

By Colleen Mohr, Public Education Coordinator, State Fire Marshal's Office

In the June issue of Fire TIES, we issued a fire safety alert regarding a web site called "Zippotricks.com." Lt. Ron Mills, Flint Township Fire Department, emailed me about this web site after seeing it advertised in a television commercial. The web site publicizes tricks you can perform with lit Zippo lighters. In the article, we urged you to contact Zippo Manufacturing, either via letter or email, to express your concern about the inherent dangers of a web site like this.

We had many responses to the article, and Zippo received some as well, including a letter from Lt. Mills and Lt. Tom Sands, Acting State Fire Marshal. The following is the response received by Lt. Mills from Zippo:

Dear Lt. Mills: Thank you for your email and for your comments regarding the Zippo tricks web site. We have seriously considered your concerns, particularly those regarding safety, especially the safety and well being of children. We want you to know that Zippo Manufacturing Company shares these concerns. For many years we have been proactive regarding the issue of child safety and our products, and we will continue to be proactive in the future.

** Our company has never marketed lighters to children and we have no intention of doing so. We market and sell to adults.*

** We refuse to decorate lighters with any design we believe is especially attractive to children.*

** As a reminder to our customers, we voluntarily apply an orange safety warning label directly to our windproof lighters, making the lighter impossible to open until the warning label is reviewed and removed. This label contains many warnings, especially warnings about not allowing children to use the lighter.*

** The lighter is packaged in a box with an instruction sheet, which contains additional child warnings.*

** Historically, over a very long period of time, the Zippo Windproof Lighter has rarely been involved with child-related fires.*

The Zippo tricks web site was originally created and operated independently. It was recently acquired by Zippo for a number of reasons, one of the primary reasons being the desire to moderate the site and provide safety warnings and parental controls.

Safety issues are being stressed on the Zippo tricks web site. However, in light of concerns recently expressed, additional changes are being made to make the site less accessible to individuals who are less than 16 years old. When the site is first accessed, before any trick can be viewed, a pop-up window containing

(continued on page thirteen)



WARNING!

UNDER 16 REQUIRES ACCOMPANYING PARENT OR ADULT GUARDIAN

All tricks demonstrated in person or on the www.zippotricks.com website are performed by experienced adults. Performing tricks is dangerous. A lighted lighter is hot and can start a fire or burn people. Tricks should not be attempted by minors or inexperienced people. Perform only if you are an adult, in a safe place, away from flammable objects and people. Do not attempt to learn tricks with a lighted lighter or a lighter filled with fuel. Attempting these tricks can cause serious and permanent injury to yourself and others. Children should not perform tricks. Adults, perform at your own risk.

Fire Deaths

19 Fire Deaths Reported in July 2003

Name	Age	Sex	Date of Fire	Cause of Fire	Responding Fire Dept	Cause of Death	Smoke Detector Present	Smoke Detector Operational
Lavtchieva, P.	65	F	03/21/03	undetermined	Scio Twp/8116	smoke inhalation	yes	no
Swanson, A.	3mos	F	03/21/03					
Swanson, M.	2	M	03/21/03					
Sipkovski, S.	66	F	04/17/03	undetermined	Au Train/0206	burns/cardiac arrest	yes	yes
Robbins, R.	32	F	04/17/03	accidental	Bronson/1202	smoke inhalation	NA (veh)	
Phelps, R.	56	M	04/30/03	accidental	Grand Rapids/4112	burns	NA(veh)	
Rundell, T.	49	M	05/03/03	undetermined	Kinross/1714	smoke inhalation	yes	yes
Smith, S.	45	F	05/11/03	accidental	Detroit/8207	smoke inhalation	yes	yes
Sumerlin, V.	11	M	05/13/03	accidental	Detroit/8207	smoke inhalation	yes	yes
Cooper, R.	51	M	06/01/03	accidental	Grand Rapids/4112	asphyxiation	yes	no
Dahms, T.	48	M	06/15/03	accidental	Ludington/5304	unknown	NA(boat)	
Jewell, M.	25	M	06/15/03	unknown	Lincoln Park/8228	unknown	yes	yes
Brzustowicz, D.	18	M	06/16/03	accidental	Shelby Twp/5018	smoke inhalation	yes	yes
Travis, R.	42	M	06/17/03	accidental	Detroit/8207	smoke inhalation	unknown	
Williams, D.	30?	M	06/24/03	accidental	Detroit/8207	smoke inhalation	unknown	
Jaime-Perez, S.	36	M	07/09/03	accidental	Lyon Twp/6324	smoke inhalation	no	
Jaime-Perez, L.	15	F	07/09/03					
Jaime-Perez, Y.	9	F	07/09/03					
Putz, E.	21	M	07/26/03	undetermined	Royal Oak/6335	thermal burns	yes	no

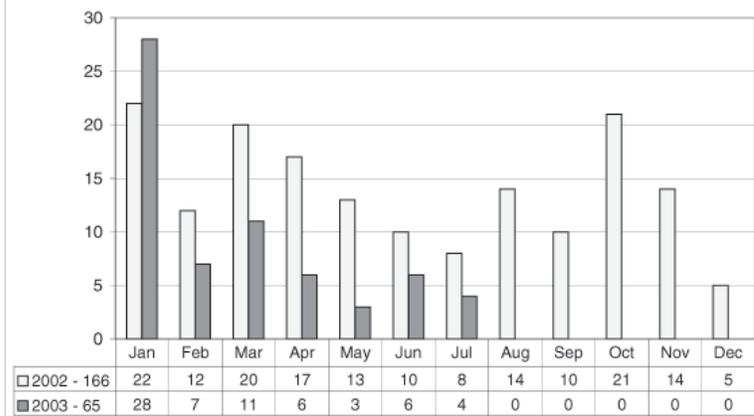
Send fire death information to Collene shaner at shanercf@michigan.gov or by fax to 517.322.2908

Fire Fact of the Month

Only three percent of home fires begin with upholstered furniture, but these fires account for 18 percent of home fire deaths.

Source: NFPA

Fire Deaths by Month
Two-Year Comparison



Lenawee County VoTech Fire Program Training Fire Fighters for the Future

By Capt. Michael Houghton, Clinton Fire Department

The Lenawee Intermediate School District Vocational Technical Center has wrapped up its 2002-2003 school year, completing the third year of its VoTech Center Fire Program. Located in Adrian (Lenawee County), the VoTech Center Fire Program is a unique opportunity for high school juniors and seniors who are interested in a career in the fire service to attend the Michigan Fire Fighters Training Council Fire Fighter I and II Program.

The program began three years ago in combination with the Public Safety Program at VoTech, where public safety students had a one day "Fire Day" every two weeks. Students were introduced to the basics of the fire service during this day of training. Interest in the fire service portion of that class prompted the formation of a Fire Fighter I state licensed class the next year. This class was held in combination with an EMT-Basic program. Student interest continued to grow, and this year the Fire Fighter I and II state licensed class was offered. This upcoming school year, the program is offered again, with class spots already filled and a waiting list in effect.

The course is taught by Lt. Jeff Betz of the Adrian Fire Department, and Capt. Mike Houghton of the Clinton Fire Department. Fire fighter Mike Springer of the Adrian Fire Department also assists with many of the hands-on training portions of the class. Students were also able to gain invaluable knowledge by doing third-rides

with several full-time fire departments, including Adrian, City of Ypsilanti, and Madison Township Fire Departments. This part of the class is the most well received, as students can relate what they hear and learn in class to seeing it used outside the classroom. The opportunity to work with fire fighters and hear their experiences is a priceless learning tool.

Students were exposed to a wealth of experiences and training. In addition to the above mentioned ride-alongs, students participated in a 9-11 Memorial Service in full dress uniforms; practiced their forcible entry skills on several buildings; received some expert instruction and "playtime" with extrication tactics on several vehicles; had some informative visits from two great resources within the Michigan State Police Fire Marshal Division, including Colleen Mohr from the Public Education Unit, and Sgt. Ken Hersha from the Field Operations Section. Students also received physical

training; completed studies on the history of the fire service; reported on line of duty deaths; and received their American Heart Association CPR Certification and HAZMAT Awareness and Operations training.

The program provides full turnout gear, gear lockers, and a fire engine. Equipment is also provided through donations from local departments, as well as funding from the school. Additions to the program this year will include two training buildings, which will allow students to have more detailed hands on training for search and rescue, ladders, ventilation, and overall scene size-up.

If you are interested in more information on this unique program, please feel free to contact Lt. Jeff Betz, Adrian City Fire Department at 517.264.4586 or via email at jbetz@ci.adrian.mi.us, or Capt. Mike Houghton, Clinton Fire Department at 517.456.4371 or via email at mikehoughton@lni.net.

Students were also able to gain invaluable knowledge by doing third-rides with several full-time fire departments...The opportunity to work with fire fighters and hear their experiences is a priceless learning tool.



High school students are provided hands-on training in preparation for a career in the fire service

2002 Arson/Suspicious Fires by County

(as reported by 981 fire departments participating in the fire incident reporting system NFIRS)

County	Fires	Prop/Contents \$ Loss/all Fires	Arson Fires	Susp. Fires	Determined Arson/Susp	Total \$ Loss Arson/Susp	% of \$ Loss Arson/Susp	Ars/Susp Civ. Injuries	Ars/Susp Civ. Deaths
01-Alcona	60	\$1,132,765	3	3	10%	\$402,000	35%	0	0
02-Alger	38	\$ 1,070,604	0	0	0%	\$ -	0%	0	0
03-Allegan	372	\$13,773,620	42	12	15%	\$1,131,455	8%	0	0
04-Alpena	101	\$ 7,137,620	3	13	16%	\$136,354	2%	0	0
05-Antrim	33	\$1,163,500	1	2	9%	\$ 907,500	78%	0	0
06-Arenac	82	\$ 479,650	5	6	13%	\$82,250	17%	0	0
07-Baraga	24	\$ 217,300	0	0	0%	\$ -	0%	0	0
08-Barry	179	\$1,050,500	15	9	13%	\$223,200	21%	0	0
09-Bay	373	\$2,095,791	21	32	14%	\$893,395	43%	0	0
10-Benzie	17	\$72,500	2	1	18%	\$ -	0%	0	1
11-Berrien	653	\$7,120,465	73	28	15%	\$723,570	10%	2	0
12-Branch	181	\$879,430	22	12	19%	\$513,780	58%	0	1
13-Calhoun	628	\$5,977,082	65	30	15%	\$1,231,600	21%	3	0
14-Cass	248	\$1,789,895	19	9	11%	\$416,100	23%	0	1
15-Charlevoix	81	\$4,050,000	5	9	17%	\$3,026,800	75%	0	0
16-Cheboygan	61	\$894,600	3	5	13%	\$27,000	3%	0	0
17-Chippewa	39	\$442,550	2	8	26%	\$60,500	14%	0	0
18-Clare	144	\$1,405,700	2	52	38%	\$882,200	63%	0	0
19-Clinton	115	\$603,795	11	2	11%	\$28,100	5%	0	0
20-Crawford	80	\$1,342,950	6	12	23%	\$1,160,500	86%	0	0
21-Delta	86	\$609,810	4	2	7%	\$3,000	0%	0	0
22-Dickinson	81	\$504,050	3	3	7%	\$7,600	2%	0	0
23-Eaton	276	\$3,380,484	18	12	11%	\$1,191,620	35%	2	0
24-Emmet	127	\$1,451,050	3	3	5%	\$1,300,000	90%	0	0
25-Genesee	989	\$17,009,700	75	73	15%	\$5,473,630	32%	4	2
26-Gladwin	64	\$265,700	4	9	20%	\$60,000	4%	0	0
27-Gogebic	45	\$307,150	0	1	2%	\$25,000	8%	0	0
28-Gd Traverse	294	\$2,398,037	18	18	12%	\$467,560	19%	0	0
29-Gratiot	159	\$290,000	12	11	14%	\$90,000	31%	0	3
30-Hillsdale	253	\$4,528,770	4	9	5%	\$213,220	5%	0	0
31-Houghton	92	\$1,418,200	3	1	4%	\$231,000	16%	0	0
32-Huron	117	\$820,450	14	5	16%	\$157,300	19%	1	0
33-Ingham	724	\$5,364,447	36	71	15%	\$2,872,150	54%	2	1
34-Ionia	159	\$1,322,616	9	3	8%	\$55,000	4%	0	0
35-Iosco	82	\$1,383,290	8	6	17%	\$324,450	23%	0	0
36-Iron	40	\$45,900	3	2	13%	\$40,000	87%	1	0
37-Isabella	382	\$1,967,200	12	16	7%	\$564,550	29%	0	0
38-Jackson	662	\$6,071,025	63	53	18%	\$2,327,109	38%	1	0
39-Kalamazoo	566	\$5,430,054	53	40	16%	\$980,612	18%	7	1
40-Kalkaska	55	\$261,800	3	2	9%	\$ -	0%	0	0
41-Kent	1,867	\$20,257,468	184	103	15%	\$5,424,910	27%	9	4
42-Keweenaw	16	\$ -	3	1	25%	\$ -	0%	0	0
43-Lake	0	\$ -	0	0	0%	\$ -	0%	0	0
44-Lapeer	234	\$4,378,670	13	18	13%	\$1,232,120	28%	0	2
45-Leelanau	35	\$940,525	0	0	0%	\$ -	0%	0	0
46-Lenawee	323	\$3,071,350	20	10	9%	\$730,750	24%	0	1
47-Livingston	394	\$8,592,645	39	33	18%	\$1,710,640	20%	1	1
48-Luce	19	\$676,000	0	6	32%	\$54,600	8%	0	1
49-Mackinac	33	\$158,000	0	2	6%	\$95,000	60%	0	0
50-Macomb	2,338	\$25,019,601	107	170	12%	\$7,608,157	30%	10	1
51-Manistee	87	\$5,943,396	7	4	13%	\$322,800	5%	0	0
52-Marquette	147	\$2,323,250	14	3	12%	\$299,200	13%	0	0

County	Fires	Prop/Contents \$ Loss/all Fires	Arson Fires	Susp. Fires	Determined Arson/Susp	Total \$ Loss Arson/Susp	% of \$ Loss Arson/Susp	Ars/Susp Civ. Injuries	Ars/Susp Civ. Deaths
53-Mason	153	\$843,345	8	10	12%	\$32,500	4%	0	0
54-Mecosta	169	\$1,356,201	15	3	11%	\$259,750	19%	0	0
55-Menominee	107	\$1,604,171	6	13	18%	\$455,100	28%	0	0
56-Midland	199	\$1,867,345	9	16	13%	\$754,900	40%	0	0
57-Missaukee	52	\$656,400	0	14	27%	\$297,900	45%	0	0
58-Monroe	325	\$3,242,871	23	50	22%	\$1,641,900	51%	1	2
59-Montcalm	263	\$3,472,741	25	13	14%	\$1,694,100	49%	0	0
60-Montmorency	46	\$652,000	2	1	7%	\$ -	0%	0	0
61-Muskegon	860	\$4,511,284	75	62	16%	\$1,188,789	26%	1	1
62-Newaygo	169	\$678,500	15	13	17%	\$354,000	52%	0	0
63-Oakland	3,049	\$26,944,657	138	162	10%	\$3,688,650	14%	12	3
64-Oceana	116	\$527,450	0	6	5%	\$8,000	2%	0	0
65-Ogemaw	76	\$881,050	6	14	26%	\$166,350	19%	0	0
66-Ontonagon	33	\$1,405,250	2	2	12%	\$35,000	2%	0	0
67-Osceola	97	\$196,172	4	1	5%	\$500	0%	0	0
68-Oscoda	57	\$1,036,900	0	5	9%	\$ 330,000	32%	0	0
69-Otsego	64	\$671,400	2	9	17%	\$ 285,000	42%	0	0
70-Ottawa	414	\$2,595,039	22	10	8%	\$ 163,415	6%	3	0
71-Presque Isle	7	\$161,050	1	0	14%	\$ -	0%	0	0
72-Roscommon	104	\$1,850,900	6	5	11%	\$967,000	52%	0	0
73-Saginaw	1,015	\$9,345,553	149	50	20%	\$7,762,261	83%	2	4
74-St Clair	433	\$2,439,314	27	31	13%	\$1,872,795	77%	0	0
75-St Joseph	180	\$3,484,415	25	7	18%	\$340,745	10%	0	0
76-Sanilac	88	\$3,184,025	7	1	9%	\$426,300	13%	0	1
77-Schoolcraft	21	\$125,200	2	0	10%	\$100	0%	0	0
78-Shiawassee	243	\$1,971,500	18	14	13%	\$959,700	49%	2	0
79-Tuscola	181	\$5,461,660	5	11	9%	\$725,000	13%	0	0
80-Van Buren	287	\$575,370	9	19	10%	\$133,080	23%	0	0
81-Washtenaw	1,168	\$7,158,922	96	110	18%	\$4,586,585	64%	8	4
82-Wayne	15,106	\$386,104,519	2,595	6,372	59%	\$115,008,161	30%	169	27
83-Wexford	63	\$479,450	1	10	17%	\$301,500	63%	0	0
TOTALS	39,400	\$654,375,609	4,325	7,969	14% Aug.	\$187,487,804	27% Aug.	241	62

For 2002 Statewide Fire Statistics and the **Michigan Fire Service Directory** log on to www.michigan.gov/msp, click on Services to Governmental Agencies, then go to State Fire Marshal.

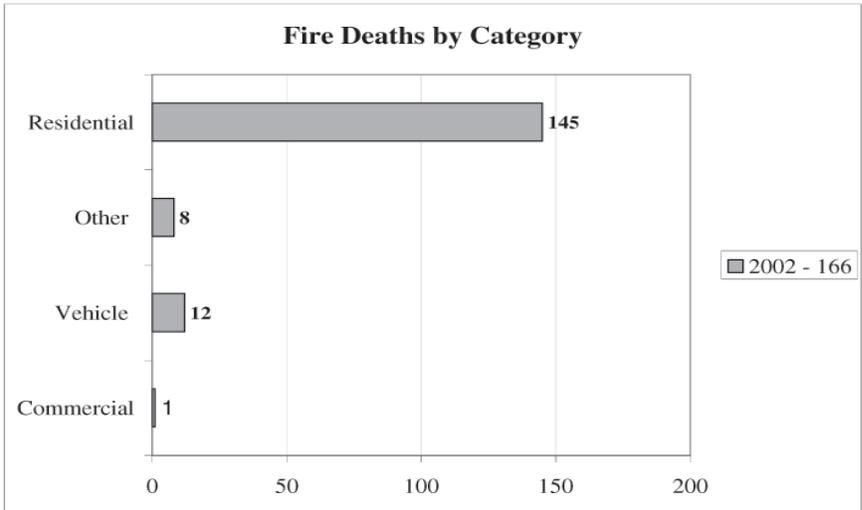
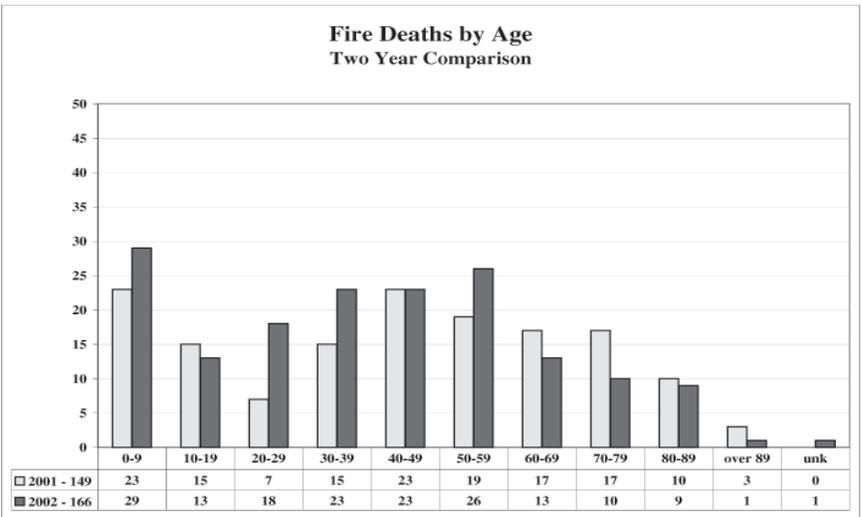
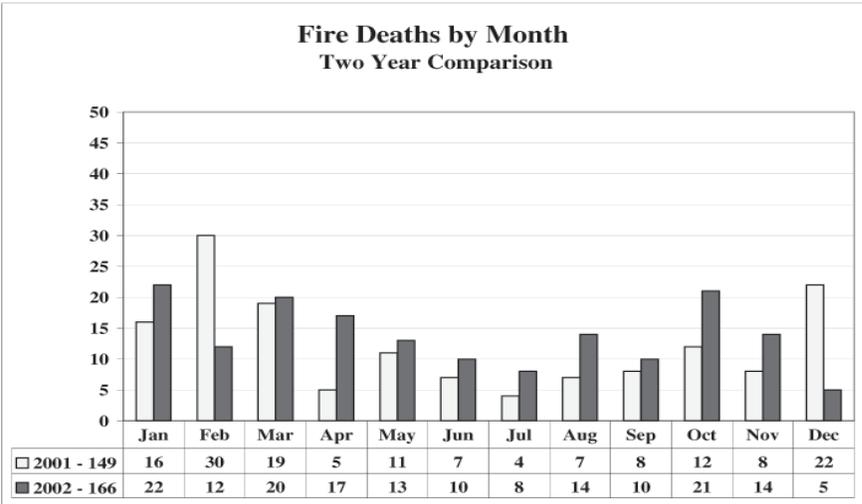
If you have any questions about this report, contact:
Mary Nemeth, Program Manager
Fire Reporting and Analysis Unit,
nemethm@michigan.gov
TX: 517.322.1939
FAX: 517.322.2908

Frequently Requested Statistics 2002
(as reported by fire departments participating in NFIRS)

Structure Fires by Property Use	Total Incidents	\$ Loss	Injuries	Deaths
RESIDENTIAL				
Dwellings	10,814	\$446,859,452	539	128
Apartments	1,485	\$22,694,291	70	6
Mobile Homes	205	\$2,103,560	15	6
Hotels, Motels	115	\$5,133,310	13	3
Other Residential	426	\$282,229	6	2
PUBLICASSEMBLY/MERCANTILE				
Public Assembly	150	\$14,711,040	1	1
Eating, Drinking	275	\$5,108,733	1	0
Education	161	\$2,516,799	1	0
Institutions	125	\$1,880,830	4	0
Stores, Offices	489	\$30,708,641	6	0
INDUSTRY				
Basic Industry	82	\$5,032,350	3	1
Manufacturing	290	\$9,173,510	14	0
Residential Garage	347	\$2,628,083	4	1
Storage	641	\$7,021,215	10	1
Vacant, Construction	112	\$295,000	0	0
Outside Structure, Unknown	568	\$897,215	3	0
Top Five Areas of Origin				
Cooking Area, Kitchen	2,988	\$54,625,663	129	26
Bedroom	2,138	\$78,579,030	118	49
Common Room, Den, Family Room, Living Room	1,562	\$49,800,334	104	55
Basement, Crawl Space	801	\$31,590,707	20	0
Laundry Area	656	\$7,758,741	33	3
Category of Fires				
Candle	245	\$8,220,068	23	1
Children Playing w/heat source-17 under (1,032 Detroit)	1,379	\$4,366,550	22	3
Christmas Tree	13	\$264,468	4	0
Clothes Dryer	465	\$3,301,675	18	2
Cooking *includes cooking fires confined to container	3,593	\$12,106,126	33	3
Electrical	1,127	\$10,095,601	8	2
Electronic Equipment	220	\$507,024	8	0
Fireworks	226	\$587,624	5	0
Heating *fireplace, chimney, woodstove, kerosene heater	1,192	\$6,426,850	9	4
Holiday decorations, temporary extension cord/plug	46	\$857,731	6	1
Lightning	211	\$4,698,150	2	0
Match/cigarette lighter/flame torch lighter	1,945	\$10,952,689	31	14
Smoking *includes cigarette, pipe, cigar	2,345	\$8,905,994	36	9

2002 Fire Death Statistics*

(fire deaths are reported separately from the NFIRS reports using the SFM Fatal Fire Report Form)



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www.mfftc.org

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



Live Structural Fire Training Within an MFFTC Course

By Gary Crum, Region 2
Supervisor

Q: I'm a course manager and would like to schedule a live fire training burn during my Fire Fighter I/II course. I've arranged to burn down an abandoned house that the owners want removed. Is this allowed?

A: No. All live fire training exercises conducted in structures by the Authority Having Jurisdiction shall be conducted within a structure specifically designed to conduct live fire training exercises on a repetitive basis (ref. NFPA 1402). **The MFFTC shall not sponsor live fire training in structures that have not been specifically designed for this purpose, i.e., acquired buildings.** No MFFTC student may participate in structural training burns in any capacity (interior or exterior) as part of an MFFTC registered course, except as provided for in MFFTC Policy 2-13. (A copy of the "Structural Live Fire Training for Interior Attack," can be found in the MFFTC Instructor Guide and Administrative Manual, Policy 2-13, which is available on the MFFTC web site, "mfftc.org.") It

is recognized that structural burn training is of tremendous benefit; however, it is the position of the MFFTC that the responsibility of additional "hands-on" training lies with the student's fire department. The MFFTC Policy 2-13 "Structural Live Fire Training for Interior Attack" was developed as a direct result of three Michigan firefighters who lost their lives during a live fire training session in an acquired building. It is the recommendation of the MFFTC that any fire department, agency, or organization contemplating the use of structural burn training comply with NFPA Standard 1403 and other applicable state and federal regulations (refer to the June 2003 Fire TIES article "New DEQ Open Burning Guide"). This policy does not preclude the class from using the structure for other training purposes. An acquired building can be quite beneficial when instructing topics such as ventilation, search and rescue, forcible entry, salvage and overhaul, or other sessions in your Fire Fighter I/II course. However, the instructor must insure that the structure is in a safe condition prior to allowing students to use it for training.

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.



MFFTC New Instructor Orientation

An individual interested in becoming a MFFTC instructor must attend this course to be eligible to apply. Attendees are introduced to the International Fire Service Training Association curriculum format and MFFTC instructor policies.

Pre-registration is required. Please CIRCLE the course DATE you plan to attend.

Date	Time	Location	Directions
9/27/03	8:30-9:00AM (Register) 9AM-1PM (Program)	Auburn Hills Fire Dept. 1899 N. Squirrel Road Auburn Hills, MI	I-75 to University Exit #79. Turn east to N. Squirrel, Fire Station on southwest corner of Squirrel and University.
10/18/03	8-8:30AM (Register) 8:30-12:30PM (Program)	Ludington Fire Department 201 W. Williams Ludington, MI	US-31 to US-10 (Ludington Ave); go west on US-10 into downtown. Turn left onto S. Williams (US-10) and go one block to W. Loomis.
10/25/03	7:30-8:00AM (Register) 8:00-12:00PM (Program)	Treetops Resort Gaylord, MI	Take I-75 to exit 282. Turn east on M-32. Travel through Gaylord. Turn left on Wilkinson Road. Travel 3 miles to the resort entrance.
11/7/03	8:30-9:00AM (Register) 9AM-1PM (Program)	Schoolcraft College Fire Training 1751 Radcliff Garden City, MI	I 275 to Ford Rd. exit; east on Ford Rd. 3.3 miles to Wildwood; south on Wildwood to the College entrance.
11/8/03	8-8:30AM (Register) 8:30-12:30PM (Program)	Charlotte Fire Department 111 East Lawrence Avenue Charlotte MI	Exit 61 off I-69, south on Lansing Rd. (turns into Lawrence) to downtown, park behind fire station.
12/6/03	8:30-9:00AM (Register) 9AM-1PM (Program)	8th District Hdqts. (MSP) 1504 W. Washington St., Ste A Marquette MI	US41/28, North on McClellan, West on Ridge, 5th building on left (next to Jilberts Dairy).
1/10/04	8:30-9:00AM (Register) 9AM-1PM (Program)	Macomb Community College 21901 Dunham Clinton Twp MI	Exit off 696 at Grosbeck Hwy. go north on Grosbeck, (pass 3 overhead walkways) to Elizabeth Rd., turn west on Elizabeth, to 1st left Dunham, to Trng.Ctr. 1st drive on right.
1/17/04	8-8:30AM (Register) 8:30-12:30PM (Program)	Grand Rapids Fire Training Center 1101 Monroe Ave NW Grand Rapids MI	Exit off 131 at Leonard St; take Leonard east to Monroe; turn right at the fire station and take Monroe to Water Works; go behind the plant to the FD Training Academy
2/14/04	8-8:30AM (Register) 8:30-12:30PM (Program)	Windsor Twp Fire Department 300 W. Jefferson St. Dimondale MI	I-96 to exit 98A, Lansing Rd (south); Lansing Rd to first light and then a left onto N. Canal Rd; Turn left onto Windsor Hwy (turns into Jefferson); Fire Department on left.
3/24/04	6-6:30AM (Register) 6:30-10:30PM (Program)	Isabella E.O.C. (MSP) Complex 3580 S. Isabella Mt. Pleasant MI	US 27 to exit at M-20 (E. Piccard); go west to the second traffic light (S. Isabella) and turn south; Go approx. 2-miles to Preston and turn right and then into first driveway. Entry through "Dispatch" door in middle of complex.
5/8/04	8-8:30AM (Register) 8:30-12:30PM (Program)	St. Clair Community College 323 Erie Street Port Huron MI	I-94/69 to Exit #274 Water St., east on Water to 10th Avenue (cross river) to Glenwood; turn right on Glenwood to Stone; turn right on Stone to Applied Technology Center.

Name _____ SS# _____ - _____ - _____

Phone: bus(_____) _____ home (_____) _____

Fire Department _____ FDID _____

Registration should be received 10 days prior to course date.

Questions 517.322.3461 Mail or fax completed form to:

Michigan Fire Fighters Training Council

7150 Harris Drive, Lansing, MI 48913

Fax 517.322.6540

Incident Command for Highrise Operations (ICHO) MFFTC TRAIN-THE-TRAINER

Course Information: The Incident Command for Highrise Operations is designed to assist the emergency response officer in highrise incidents by organizing resources, developing strategies, managing tactical operations and interagency coordination, to protect life and minimize damage at highrise incidents.

Train-the-Trainer Student Selection: Student selection for the Train-the-Trainer will be based on individual qualifications with consideration for statewide coverage. Priority will be given to active instructors who possess an enthusiastic teaching commitment. All applicants will receive written notification after final selections have been made.

Date and Time: Saturday and Sunday, December 6 and 7, 2003. 8:00AM until 5:00PM both days.

Location: MSP Hazardous Materials Training Center, 7426 Osborn, Lansing, MI 48913

Meals & Lodging: Lunch will be provided both days. Breakfast, dinner and lodging are on your own. If selected, a motel list will be provided.

Please type or print. Incomplete or illegible applications will be returned.



LAST - Name	First	MI	Social Security Number*
Address: No., Street, City, Zip Code			County of Primary Residence
Business Phone	Home Phone		Fax No.
Fire Department	FDID No.		Title

* This information is confidential and is protected by the federal privacy act.

T-t-T Student Requirements:

Please circle your response to each statement:

- Yes No 1. I am currently an active MFFTC certified instructor.
- Yes No 2. I have completed Fire Officer I.
- Yes No 3. I have completed NFA Incident Command System course. (Attach a copy of certificate)
- Yes No 4. I am or have been a Company Officer/Chief Officer in communities that have highrise buildings.
- Yes No 5. I agree to teach this course at MFFTC established rates. (Currently \$25 P/Hr.)
- Yes No 6. I agree to comply with applicable MFFTC policies and procedures.

I certify that the information contained in this application is complete and accurate.

Applicant's Signature	Date
-----------------------	------

APPLICATION DEADLINE: Must be received by October 20, 2003 at 5:00 PM.

RETURN TO: Michigan Fire Fighters Training Council, 7150 Harris Dr. Lansing MI 48913 OR Fax (517) 322-6540

MI Fire Fighters Training Council

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

Start Date	Time	End Date	Co.	Location	Course Manager	Phone	Start Date	Time	End Date	Co.	Location	Course Manager	Phone
FIRE FIGHTER – BASIC							INSTRUCTOR DEVELOPMENT						
Fire Fighter I							Educational Methodology						
08/28/03	6:00pm	12/20/03	82	Taylor	Lawrence Morabito	734.374.3213	09/15/03	6:00pm	09/18/03	73	Frankenmuth	Patrick Nelson	989.777.2400
09/04/03	6:00pm	01/31/04	74	Avoca	Shawn Knight	248.588.3605	09/20/03	9:00am	09/21/03	63	Auburn Hills	Gary Pfundt	248.232.4580
09/04/03	6:00pm	12/20/03	82	Garden City	Robert Perry	734.462.4745	09/27/03	9:00am	09/28/03	52	Marquette	Lorraine Schwarz	888.879.6459
Fire Fighter II							09/27/03 8:00am 09/28/03 41 Belmont David Purchase 231.780.2500						
09/06/03	9:00am	12/17/03	82	Garden City	Robert Perry	734.462.4745	MFFTC Instructor Orientation						
Fire Fighter I & II							09/26/03 6:00pm 09/26/03 52 Marquette Lorraine Schwarz 888.879.6459						
08/18/03	8:00am	12/12/03	82	Detroit	Jeffrey McCall	313.237.3170	MANAGER/SUPERVISOR DEVELOPMENT						
08/21/03	8:30am	12/10/03	33	Lansing	Jeffrey Huber	517.483.1394	Records & Reports						
09/02/03	9:00am	11/14/03	63	Auburn Hills	Gary Pfundt	248.232.4580	09/26/03	1:00pm	09/26/03	41	Belmont	David Purchase	231.780.2500
09/02/03	6:00pm	05/20/04	50	Clinton Township	Joseph Boldys	586.498.4021	RESCUE						
09/04/03	6:30pm	02/21/04	50	Washington	Ronald Orlando	586.986.4539	Vehicle Extrication						
09/08/03	9:00am	02/21/04	63	Rochester	Paul Strelchuk	248.650.8605	09/16/03	7:00pm	09/18/03	14	Dowagiac	Robert Smith	269.782.9563
09/08/03	6:30pm	02/21/04	63	Rochester	Paul Strelchuk	248.650.8605	09/25/03	6:00pm	09/27/03	75	Mendon	Charles Haines	269-435-2290
Fire Fighter I & II Exam							Advanced Vehicle Stabilization						
09/20/03	8:00am	09/20/03	49	St. Ignace	Lorraine Schwarz	888.879.6459	09/27/03	8:00am	09/27/03	53	Manistee	Raymond Haring	231.922.2888
DRIVER TRAINING							09/28/03 8:00am 09/28/03 53 Manistee Raymond Haring 231.922.2888						
Driver Training							SUPPRESSION						
09/20/03	8:00am	09/21/03	63	Holly	Jerry Hobson	248.634.7722	Building Construction: Principles						
FIRE OFFICER							09/23/03 6:00pm 09/25/03 73 Frankenmuth Patrick Nelson 989.777.2400						
Fire Officer 1							09/25/03 6:00pm 09/28/03 74 Port Huron John Jeffries 810.989.5753						
09/11/03	9:00am	11/20/03	63	Auburn Hills	Gary Pfundt	248.232.4580	Building Construction: Noncombustible						
09/13/03	9:00am	11/22/03	63	Auburn Hills	Gary Pfundt	248.232.4580	09/27/03	8:00am	09/28/03	22	Kingsford	James Rose	906.779.3289
09/20/03	8:00am	09/20/03	49	St. Ignace	Lorraine Schwarz	888.879.6459	TERRORISM						
Fire Officer II							Emerg. Response to Terrorism: Basic Concepts						
09/09/03	9:00am	12/16/03	63	Auburn Hills	Gary Pfundt	248.232.4580	09/15/03	8:00am	09/16/03	82	Detroit	Jeffrey McCall	313.237.3170
09/09/03	9:00am	12/11/03	82	Garden City	John Smilnak	734.462.4745	Emerg. Resp. To Terrorism: TC-HazMat						
09/10/03	7:00pm	12/17/03	63	Auburn Hills	Gary Pfundt	248.232.4580	09/15/03	9:00am	09/16/03	82	Garden City	John Smilnak	734.462.4745
HAZARDOUS MATERIALS							09/27/03 9:00am 09/28/03 07 Baraga William Rinkinen 906.353.6039						
Haz Mat First Reponder - Awareness							Emerg. Resp. To Terrorism: TC-EMS						
09/15/03	8:00am	09/15/03	39	Kalamazoo	Gregory Bombich	269.337.8284	09/19/03	6:00pm	09/20/03	80	Covert	Patrick Butler	269.345.0313
09/18/03	9:00am	09/18/03	63	Rochester	Paul Strelchuk	248.650.8605	09/29/03	09:00am	9/30/03	82	Garden City	John Smilnak	734.462.4745
09/18/03	6:00pm	09/18/03	63	Rochester	Paul Strelchuk	248.650.8605	NOTE: A current list of MFFTC Registered Training is also available at www.mfftc.org and is updated weekly.						
09/23/03	11:00am	09/23/03	82	Garden City	Robert Perry	734.462.4745							
09/25/03	6:00pm	09/25/03	50	Washington	Ronald Orlando	586.986.4539							
10/27/03	8:00am	10/27/03	50	Clinton Township	Joseph Boldys	586.498.4021							
10/27/03	9:00am	10/27/03	63	Auburn Hills	Gary Pfundt	248.232.4580							
11/03/03	8:00am	11/03/03	82	Detroit	Jeffrey McCall	313.237.3170							
11/13/03	6:00pm	11/13/03	74	Avoca	Shawn Knight	248.588.3605							
11/17/03	8:30am	11/17/03	33	Lansing	Jeffrey Huber	517.483.1394							
11/25/03	6:00pm	11/25/03	82	Taylor	Lawrence Morabito	734.374.3213							
12/04/03	5:00pm	12/04/03	82	Garden City	Robert Perry	734.462.4745							
01/06/04	6:00pm	01/06/04	50	Clinton Township	Joseph Boldys	586.498.4021							
HazMat First Responder - Operations													
09/16/03	8:00am	09/18/03	39	Kalamazoo	Gregory Bombich	269.337.8284							
09/24/03	9:00am	09/26/03	82	Garden City	Robert Perry	734.462.4745							
10/11/03	9:00am	10/25/03	82	Garden City	Robert Perry	734.462.4745							
10/15/03	6:30pm	10/29/03	63	Farmington Hills	John Feichtner	248.426.4400							
10/28/03	8:00am	10/30/03	50	Clinton Township	Joseph Boldys	586.498.4021							
10/28/03	9:00am	10/30/03	63	Auburn Hills	Gary Pfundt	248.232.4580							
11/04/03	8:00am	11/07/03	82	Detroit	Jeffrey McCall	313.237.3170							
11/18/03	8:30am	11/21/03	33	Lansing	Jeffrey Huber	517.483.1394							
01/08/04	6:00pm	01/27/04	50	Clinton Township	Joseph Boldys	586.498.4021							
02/02/04	9:00am	02/12/04	63	Rochester	Paul Strelchuk	248.650.8605							
02/02/04	6:30pm	02/14/04	63	Rochester	Paul Strelchuk	248.650.8605							
02/03/04	6:30pm	02/08/04	50	Washington	Ronald Orlando	586.986.4539							
Incident Command System													
09/15/03	9:00am	09/16/03	82	Garden City	John Smilnak	734.462.4745							
09/15/03	10:00am	09/26/03	38	Jackson	Brian Thurston	517.788.4152							
09/19/03	8:00am	09/20/03	41	Belmont	David Purchase	231.780.2500							
09/20/03	9:00am	09/21/03	50	Clinton Township	Anthony Kowalski	586.498.4056							
09/24/03	6:00pm	09/25/03	80	Covert	Patrick Butler	269.345.0313							
Clandestine Drug Lab - Awareness													
09/16/03	6:00pm	09/16/03	27	Wakefield	Richard Caudill	906.358.0311							
HEALTH/SAFETY													
Fire Fighter Safety & Survival													
09/20/03	8:30am	09/21/03	07	Baraga	Terry Heyns	906.635.2726							
Incident Safety Officer													
09/20/03	1:00pm	09/21/03	41	Belmont	David Purchase	231.780.2500							

Fuel Cell Vehicles and Hydrogen Fueled Vehicles - Safety Issues Raised

The following is a synopsis of information obtained from the International Consortium for Fire Safety, Health and the Environment, PO Box 14270, Washington, DC. The complete article can be found on their web site at www.clearn-and-safe.org.

First responders should be informed of the potential risks of newly developed vehicles before they are commercialized, and measure should be put in place to minimize the hazards to the general population.

...the main issues with fuel cells and hydrogen-powered vehicles stem from electrical shock and the flammability of the fuel.

The current discussion on dependence of foreign oil imports and the President's "Freedom Car" initiative has brought alternatively fueled vehicles and hydrogen to the attention of the public. Even though all current fuel cell and hydrogen vehicles are experimental and only being tested in low numbers on public roadways, several states have mandated zero emission vehicles to be introduced (ZEV) in the near future.

As new technologies, fuel cells and hydrogen have some associated safety concerns that have to be addressed. Although some of the concerns raised are similar to those encountered with substances such as compressed or liquid natural gas (CNG or LNG) and technologies such as electrically powered vehicles, the combination of different technologies in new vehicles and the addition of new and unproven technology warrant special attention. First responders should be informed of the potential risks of newly developed vehicles before they are commercialized, and measure should be put in place to minimize the hazards to the general population.

Areas of Concern

The two prime dangers from fuel cell and hydrogen-powered vehicles are the danger of electrical shock and the flammability of the fuel.

Fuel cells power vehicles by electro-chemically combining hydrogen gas and oxygen from the surrounding air into water and

electrical energy. The electrical energy is then used to power both the locomotion of the vehicle through electrical motors and the current electrical usage devices such as the radio, lights and air-conditioning. A notable difference between current and new-technology vehicles is that the voltage needed to power the electric motors is much higher in new vehicles than can be accommodated by the current standard voltage of a 14V system; the automobile industry is in the process of moving to a new standard of a 42V system. The 42V system was chosen as an industry standard in part for safety reasons: anything greater than 50 volts can stop a human heart. On the other hand, some fuel cell vehicle motors run on voltages exceeding 350V. With such high currents, the danger of electric shock is great.

The second area of concern lies in the fuel used to power this future generation of vehicles. Even though hydrogen remains the main focus of future fuel cell vehicles, it is neither the only possible fuel for them (other fuels used to power fuel cells directly include methanol, ethanol and methane), nor is hydrogen used only for this purpose. In addition, the hydrogen used to power a vehicle does not necessarily have to be stored on the vehicle as hydrogen. Reforming different hydrogen sources, such as alcohols, methane, propane and even regular gasoline, can create gaseous hydrogen in the vehicle itself. Hydrogen stored as such

in a vehicle or reformed in it can also be used to power a "classic" internal combustion engine. Besides reforming hydrogen in the vehicle itself, there are several ways of storing hydrogen in a vehicle. Each has its own set of flammability issues.

Both the electrical current and the flammability concern of the fuel translate into the design needs for the vehicle itself as well as the requirements for structures intended for the storage, refueling and repair of these vehicles.

Fuel cell vehicles currently being tested include public transportation and personal mobility vehicles. According to the U.S. Department of Energy (DOE), there were nine different hydrogen vehicle-testing projects underway in the U.S. as of March, 2003. The safety issues regarding the vehicle can be divided into two separate categories. One category encompasses issues with normal vehicle operations; the other category contains issues with vehicle accidents.

As stated, the main issues with fuel cells and hydrogen-powered vehicles stem from electrical shock and the flammability of the fuel.

For further information on fuel specific problems; fueling and maintenance of the vehicle; current status of regulations and codes; and non-vehicular development, please log onto www.clearn-and-safe.org.

(continued from page one)

warning information appears. It specifically states that this site is restricted to individuals 16 and over; that tricks should only be performed by adults, and warns that lighters can start fires and that children should not perform tricks. A site rating is also provided. This will permit the site to be completely blocked by parents wishing to do so.

Please understand that there are a large number of adults who enjoy the site and enjoy performing tricks. Our goal is to communicate safe and responsible behavior, while allowing the site to remain fun and interesting for its intended users, people over the age of 16.

Thank you for taking the time to contact us regarding your concerns. We appreciate your input.

Sincerely, Mark A. Paup,
Director of Global Marketing

The letter sent by Lt. Sands, to date, has not been responded to. There was a response, however, from the National Fire Protection Association, issued in a press release dated July 11, 2003, as follows:

The president of the nonprofit NFPA (National Fire Protection Association) today called for an end to Zippo Manufacturing Company's "zippotricks" promotion, which teaches and promotes fireplay with lighted Zippo cigarette lighters. The promotion includes a Web site, www.zippotricks.com, which hypes 500-plus "tricks," and a planned nightclub tour to 12 cities.

Zippo will take its show of "tricks" on the road later this summer to demonstrate hand and body movements with lit

lighters. Locations targeted for the nightclub tour are: Atlanta, Austin, Chicago, Los Angeles, Minneapolis, New Orleans, New York, Oakland/San Francisco, Pittsburgh and Seattle.

"Zippo's nightclub tour and 'tricks web site are dangerous and insensitive to those who have been burned by fire," said Shannon. "It's particularly offensive now, in light of the horrific fire at The Station Night Club in Rhode Island, where 100 people lost their lives. We have called upon Zippo to take down the site and asked them to reconsider their night club tour. We hope the public does the same."

"Tricks" on the site are submitted by individuals and then posted, some alluring visitors with curious titles like Dante's Halo, Uh Oh, Dragon Mouth and Devil's Kiss. Streaming video allows demonstration of "tricks." Hogan's Leg Drop, for example, shows a lighter tossed on a leg and ignited, and Twilight Sky, depicts a large flame created by two lit lighters in motion. Also posted are computer wallpaper and a screensaver image of burned flesh, in downloadable format.

Every year, hundreds are injured and killed as a result of children playing with lighters and starting fires, according to NFPA. For more than a century, NFPA has worked to teach children and their parents the importance of fire safety.

In a letter dated June 3 to Greg Booth, Zippo president, Shannon wrote "NFPA encourages you to reconsider this campaign and abandon all promotions, tours, and Web site material connected with it. Promoting fire play is not the type of strategic marketing the

public would expect from Zippo Manufacturing."

Another response to the web site was included in the Thursday, July 17 issue of the Washington Post by staff writer Carolyn E. Mayer. That article can be viewed at www.washingtonpost.com, click on archives, and search for Zippo.

While they have responded somewhat to our concerns, they are still missing the point. They responded in their letter that "Our goal is to communicate safe and responsible behavior, while allowing the site to remain fun and interesting for its intended users, people over the age of 16." Fire play is fire play, whether it is done by children or adults, and cannot possibly be categorized as "safe and responsible" behavior and should never be referred to as "fun and interesting". As for the parental warnings referred to in their letter to Lt. Mills, I visited the site again on August 4. The warning on page one pops up each time you click on a topic. Pop-up boxes are not going to stop kids who have little or no parental supervision. You can still easily access the site and view tricks, complete with video and directions. This site **still** promotes fire play and Zippo **still** does not seem to understand the potential dangers associated with that type of behavior - whether it is a child or an adult.

As fire safety advocates, we must continue to let this company and others like it know that fire play, *any* type of fire play, is not acceptable and should not be promoted to anyone!

Pop-up boxes are not going to stop kids who have little or no parental supervision.

Fire play is fire play, whether it is done by children or adults, and cannot possibly be categorized as "safe and responsible" behavior and should never be referred to as "fun and interesting".

This site still promotes fire play and Zippo still does not seem to understand the potential dangers associated with that type of behavior - whether it is a child or an adult.

Michigan Fire Service Instructors Association 2002 Instructor of the Year Nomination

The Michigan Fire Service Instructors Association (MFSIA) is soliciting nominations for the Instructor of the Year. This is your time to say thank you to that instructor who made an impact on you or goes above and beyond in their dedication of educating the fire services' future. Many times we say "something should be done", well this is your time to step up to the plate and do something, give credit where credit is due, nominate an Instructor. The MFSIA awards a Regional Instructor of the Year for each of our regions and one Instructor of the Year for the entire State. The State Instructor of the Year's name is then nominated to the International Instructors Society for their Annual Instructors award. **Read the following application for guidelines and submit a name.** The Instructor does need to be a member of the MFSIA. You can also access this application and information from our web site at www.mfsia.com.

Name of Nominee _____

Address _____ City _____ Zip _____

Phone: Home(_____) _____ Work(_____) _____

Name of Fire Dept. _____ Rank _____

Name of Immediate Supervisor _____

Years in Fire Service _____ Years Instructing _____

Name of Nominator _____ Phone(_____) _____

Address _____ City _____ Zip _____

List subjects the nominee has taught, include dates, locations, target audience and amount of students to the best of your knowledge.

How has the nominee enhanced the image of the fire instructor?

List the county the nominee lives in.

List the areas the nominee teaches in.

List nominee's involvement in his/her community or public education.

What impact has the nominee had in his/her home fire department or the fire service, and the community?

List any further information that will assist the selection committee in choosing these instructors, including education, work history, accomplishments and letters of support.

Signature of nominator _____ Date _____

*One instructor will represent each of the five regions of our association and one will represent the entire state as our nominee for the International Society for Fire Instructors Award

* Nominee must be a member of MFSIA, nominator does not

* Nominations due by **September 17, 2003**

* If you have any questions, contact Michael Cousins, V.P. at 989.781.4141 or ttfdchief2@aol.com

Send completed form to: Thomas Twp. Fire Department, ATTN: MFSIA, 8215 Shields Drive, Saginaw, MI 48609

Firewood Alert

Help stop the movement of exotic pests -
DON'T MOVE FIREWOOD

Exotic insect pests like Emerald Ash Borer are a major threat to Michigan's 19 million acres of forestland. Emerald Ash Borer can become established when infested firewood is transported to new areas.

- * Use local sources of firewood
- * Do not bring firewood from home
- * If you have already brought firewood from home, do not take it back home and do not leave it - BURN IT!

For more information, contact:
 Toll-free Michigan Emerald Ash Borer Hotline
 866.325.0023

Michigan Hazardous Materials Training Center Training Advisory

Applications are now being accepted for the following courses for **September 2003**. Please contact the Michigan State Police, Hazardous Materials Training Center, for further information at 517.322.1190.

Course Name	Dates	Cost
Explosives Awareness	Oct 1	Public: Free Private: \$50
Chemistry II of Hazardous Materials Hazardous Waste Operations HAZWOPER Refresher	Oct 1-3	\$195
Confined Space Rescue - MUSAR	Oct 10	\$95
Hazardous Materials Incident Response	Oct 13-15	\$395
Operations EPA 165.5 (40 hr. HAZWOPER)	Oct 13-17	\$495
Hazardous Materials Technician Advanced	Oct 20-24	\$395
WMD/HazMat Operations	Oct 28-30	\$25

For Sale

1990 Seagraves Engine, stainless steel (6) man enclosed cab w/ 4 fixed seats, 2 folding seats. Detroit 6V92TA engine w/ Allison HT740 trans w/ jake brake, 1500 gpm waterous single stage pump, 750 gal tank. 24-foot extension, 16-foot roof and folding attic ladders, 2 Night Fighter scene lights, Elkhart

Stinger deck gun w/ stack tips, Honda EM2200 generator. All maintenance records included, minimum bid of \$65,000. Apparatus currently in service - available January, 2004. Contact: Lt. Craig Peterson @ 248.364.6756 or at cpetersen@auburnhills.org.

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
 Gregory Kirt-MFFTC 517.322.5444
 Monica Jenkins-FMD 517.322.1681

Fire TIES Subscription

Name: _____

Agency: _____

Address: _____

City : _____ State: _____ Zip: _____

Send this form and check or money order payable to:

Subscription rate: 12 issues - \$15.00

State of Michigan
 Michigan State Police
 Cashier - Fire TIES
 714 S. Harrison Road
 East Lansing, MI 48823

Calendar of Events

Service Directory

Fire Marshal Division Headquarters

TX: 517.322.1924

Fax: 517.322.2908

www.michigan.gov/msp

click on [Services to
Governmental Agencies](#)
click on [State Fire Marshal](#)

Fire Investigation 888.684.FIRE

Arson Hot Line 800.44.ARSON

Public Fire Education 517.322.1924

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

MFFTC Grand Rapids Gary Crum

TX: 877.475.0844

FAX: 616.784.4498

crumg@michigan.gov

MFFTC Saginaw

Deward Beeler

TX: 888.879.6458

FAX: 989.758.1980

beelerd@michigan.gov

SEPTEMBER

- 3 **MI Fire Service Instructors Association**, Executive Board, 11:00 a.m., Mt. Pleasant
18 **MI Fire Service EXPO Committee**, 8:30 a.m., General Office Building, Conf. Rm B,
Lansing
18 **MI Joint Fire Service Council**, 10:30 a.m., General Office Building, Conf. Rm. B, Lansing
24 **Southeastern MI Association of Fire Chiefs**, 10:00 a.m., Executive Board, Troy
27 **U.P. Fire Chiefs Association**, 10:00 a.m., Location TBA

OCTOBER

- 1 **MI Fire Fighters Training Council**, 9:00 a.m. work session, 10:00 a.m. business
meeting, General Office Building, Lansing
5-11 **FIRE PREVENTION WEEK**
7 **MI Arson Prevention Committee**, Executive Committee, Brighton House, Brighton
16 **MI Fire Service EXPO Committee**, 8:30 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
23-26 **MI Association of Fire Chiefs/MI Fire Service Instructors Association** Fall Conference,
Treetops Resort, Gaylord
29 **Southeastern MI Association of Fire Chiefs**, 10:00 a.m., Executive Board, Troy

NOVEMBER

- 5 **MI Fire Service Instructors Association**, Executive Board, 11:00 a.m., Mt. Pleasant
11 **Metro Detroit Fire Inspectors**, Location TBA
20 **Northern MI Fire Chiefs Association**, Executive Board, Location TBA
26 **Southeastern MI Association of Fire Chiefs**, 10:00 a.m., Executive Board, Troy
26 **Western MI Association of Fire Chiefs**, Executive Board, South Haven

To submit activities for this calendar, call Monica Jenkins at 517.322.1681 Fax 517.322.2908
or jenkinsms@michigan.gov

“Quote of the Month”

“Keep away from people who try to belittle your ambitions. Small
people always do that, but the really great make you feel that you,
too, can become great.”

Mark Twain

If you would like to share your favorite quote, please send it to Monica Jenkins and
include the author if known.