

CLIO AREA FIRE DEPARTMENT

OPERATING GUIDELINE

TITLE: STRUCTURAL FIRE FIGHTING - COMMERCIAL/INDUSTRIAL

REFERENCES: NFPA 1500

DEPARTMENT OF CONSUMER & INDUSTRY SERVICES SAFETY
STANDARDS PART 74
CAFD RULES, REGULATIONS, POLICIES, AND GUIDELINES

THE PRIMARY FUNCTIONS OF COMMERCIAL/INDUSTRIAL STRUCTURAL FIRE FIGHTING ARE: LIFE SAVING OPERATIONS AND PREVENTION OF FURTHER DESTRUCTION OF PERSONAL AND PUBLIC PROPERTY.

SAFETY OF FIRE FIGHTING PERSONNEL SHALL BE A PRIMARY CONCERN FOR ALL OPERATIONS.

EFFECTIVE MAY 16, 2005, AT A SPECIAL FIRE AUTHORITY BOARD MEETING, THE FIRE AUTHORITY BOARD AGREED TO HAVE BOTH CAFD STATIONS BE DISPATCHED FOR INITIAL RESPONSE FOR ALL COMMERCIAL/INDUSTRIAL STRUCTURAL FIRES IN THE FIRE DISTRICT.

APPARATUS

STATION #1

- Initial response shall be: 1 Engine/Pumper, 1 Aerial Ladder, 1 Pumper/Tanker, 1 Squad

STATION #2

- Initial response shall be: 1 Engine/Pumper, 1 Pumper/Tanker, 1 Squad

PERSONNEL

- Initial response should be: A full compliment, based on seating for each apparatus.
- Minimum response shall be: 1 Officer, 1 Driver, 3 Fire Fighters from each station.
- If the minimum response is not available, a Mutual Aid Alarm shall be called.

PERSONAL PROTECTIVE CLOTHING AND EQUIPMENT

- All personnel responding to the incident shall wear a complete set of turnout gear. Turnouts shall consist of; Helmet, Hood, Bunker Coat, Bunker Pants, Boots, and Gloves.
- All personnel who are actively involved, or who may become actively involved in the extinguishing of a commercial/industrial structure fire must use a Self Contained Breathing Apparatus (SCBA) and a Personal Alert Safety System (PASS) device.
- All personnel who are engaged in structural fire fighting shall utilize the face protection provided by the helmet face shield, or the breathing apparatus face piece with helmet.

TRAINING

- Personnel **shall not** be actively involved in Interior structural fire fighting until they have completed the Michigan State Fire Fighters Training Council Fire Fighter I Course or Certified Equivalent.
- All personnel on the scene shall have completed, as a minimum, the CAFD “Rookie Training”.

INCIDENT COMMAND

- The Incident Command System shall be utilized to the extent warranted by the nature of the incident.

MEMBER ACCOUNTABILITY

- All members will use the Department Accountability System as directed.

WORKING IN TEAMS OF TWO

- Members using SCBA (Self Contained Breathing Apparatus) shall operate in teams of two (2) or more who are constantly in communication with each other through visual, audible, direct physical contact, safety guide rope, electronic or other means to coordinate their activities, and are in close proximity to each other to provide assistance in case of emergency

RAPID INTERVENTION TEAM

- When members are involved in interior fire attack, or other situations requiring the use of SCBA, there will be a Rapid Intervention Team assigned at the point of entry.
- The Rapid Intervention Team **will not** be assigned any other duties, and shall remain in place while the Attack Team is inside the structure.
- The Rapid Intervention Team will have on ALL Personal Protective Clothing and Equipment, including SCBA (the mask may be disconnected from the air source until entering the structure, in order to preserve air which may be required during intervention or rescue).
- The Rapid Intervention Team shall have a “charged” hand line, and other tools (such as hand light, halligan, axe, etc.) necessary to carry out the intervention or rescue. These items will remain with the Rapid Intervention Team until they are relieved of their duty.
- If the Attack Team leaves the structure, due to renewing their air supply, and another team enters the structure, the Rapid Intervention Team will remain in place.

EMERGENCY EVACUATION SIGNAL

- An emergency evacuation may be called for any reason of safety i.e. rapidly deteriorating fire conditions, immanent collapse, collapse, etc.
- The emergency evacuation signal will consist of five (5) three (3) second blasts of an air horn over the radio, followed by ten (10) seconds for a radio announcement. Once activated, all fire ground radio will immediately cease.

- When the emergency evacuation alert is sounded, all personnel will immediately evacuate to their safe area and report to the section officer. Crews will remain in the safe area until directed otherwise.
- The Emergency Evacuation Signal will continue until all personnel are accounted for.
- Once all personnel are physically accounted for, the Incident Commander can resume operations.

POINT OF ENTRY

- A minimum number of points of entry will be made on the initial attack. These points of entry shall not be opposite each other, in order to prevent pushing the fire, heat, and smoke at attacking units.

VENTILATION PRIOR TO AND DURING THE FIRE ATTACK

- Upon arriving at the scene, the “first in” teams shall not conduct an interior attack until at least minimal ventilation has been completed. (Exception is for immediate rescue of occupants)
- Primary ventilation will be conducted as required as soon as possible.

ATTACK

- A sufficient water supply is to be established whether by connecting to a hydrant system or by setting up a tanker shuttle/portatank operation.
- 1 1/2” hand lines shall be minimum size for Attack Lines.
- A minimum of two (2) fire fighters shall enter the structure. They shall operate on the “buddy” system (2 in, 2 out).

UNOCCUPIED STRUCTURES

- Prior to any entry into an unoccupied structure, the Incident Commander and/or the Safety Officer and/or the Operations Officer or any combination thereof, must determine if the structure is safe for an offensive interior attack. If it is determined that the structure poses any threat to personnel, a defensive or external attack only shall be made.

HAZARDOUS MATERIALS INCIDENTS

- Refer to **Hazardous Materials Spill/Release Operating Guide**
- Refer to “Attachment A” for procedures for retrieving specific information on Hazardous Materials sites within the Clio Area Fire District.

GCFCA EMERGENCY COORDINATORS

- The Genesee County Fire Chiefs Association’s Emergency Coordinators shall be activated if sufficient apparatus and personnel have been removed from surrounding departments to render their fire districts and the Clio Area fire district “unprotected, or if the incident is of

such a nature that the overall administration of it cannot be controlled without additional command support.

OVERHAUL

- All members performing overhaul must wear full PPE (includes bunker coat, bunker pants, gloves, boots, hood, helmet) must be worn.
- All members performing overhaul must use SCBA unless the atmosphere has been checked and deemed safe by an appropriate calibrated detector.
- Members are not to exceed a three (3) air bottle maximum for the entire incident (2 air bottle maximum during extinguishment).
- Members should always work in groups of two (2) or more.
- Always use proper tools for the job.
- Members should be aware of their surroundings and know the conditions inside the structure such as holes in the floor, wall collapse, blocked doorways, etc.
- Ventilation fans should be used to supply fresh air and maintain a visually clear atmosphere.
- Communication should be maintained between the team working inside the structure and the Operations Officer or Incident Commander.
- Members performing overhaul should have a charged hand line with them until exiting the structure.
- The team shall have a minimum of one hand light during the overhaul operations.
- During nighttime hours, a minimum of one (1) tripod light must be set up in each working sector of the structure to maximizing vision for the crew and one (1) tripod light outside the structure as well.
- Members should look for and not disturb any type of evidence to help determine the cause of the fire and are to report their findings to the Operations Officer or Incident Commander.

AFTER EXTINGUISHMENT

- The cause and origin of the fire must be determined, if at all possible.
- The occupant or property owner, or their designee, must be notified, and on the scene so that the property can be turned back over to him/her.
- If Arson is indicated, the State Police Fire Marshall or a local law enforcement officer should be requested on scene due to the possible criminal nature of the incident. In the event that neither area available to respond, a "Consent to Search" form should be completed and included in the report.
- A full and complete report must be filed, including, if needed, still pictures and/or video pictures of the incident.
- Fires involving any structure in which any food or alcohol is manufactured, prepared, stored, or sold, shall be reported to the State and County Health Departments, and/or the Michigan State Liquor Control Commission.
- Fires in structures that result in a Hazardous Materials Spill or Release shall be reported to the Michigan Department of Environmental Quality.
- All Equipment and Apparatus shall be cleaned and inspected before being returned to service.

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ATTACHMENT A

INFORMATION RETRIEVAL FOR HAZARDOUS MATERIALS INCIDENTS

All MSDS and site information is on file in the radio room next to the radio operator position at each station. A copy is also in the Squad Trucks.

Contact Central Dispatch and request the Genesee County Hazardous Materials Team if:

- You don't have the resources (oil dry, pads or socks) to address a fuel spill of any size.
- The fuel spill is over 25 gallons and/or has entered the storm drainage system.
- When you don't have the information on the hazardous material.
- Unknown chemicals or substance in a building or motor vehicle with or without a fire.
- Clandestine Drug Labs

Known locations with Hazardous Materials:

Gasoline's & Oils

- Bulk Oil, Gasoline, Diesel Storage - 11134, 11136 N. Saginaw St.
- Office, Station, Bulk Gasoline, Diesel Storage Complex - 815 S. Mill St.
- Gasoline Station & Store - 4514 W. Vienna Rd.
- Gas - Office, Station, Bulk Oil, Gasoline, Diesel Storage Complex - 3346 W. Vienna Rd.
- Gas Station & Store - 4323 W. Vienna Rd.
- Gas & Store - 11566 N. Saginaw Rd.
- Gas Station & Store - 10156 N. Saginaw Rd.
- Gas Station & Store - 4141 W. Vienna Rd.
- Gas Station - 431 W. Vienna St.
- Gas Station - 4465 W. Vienna Rd.
- Gas Station & Store - 12278 Clio Rd.
- Gas Station & Store - 9009 Clio Rd.
- Gas Station – Saginaw & Vienna
- Gas Station & Store - 5015 E. Vienna Rd.

Dry and Liquid Chlorine

- Swimming Pool Supply - 4112 W. Vienna Rd.
- Swimming Pool Supply – 5303 W. Vienna Rd.

Batteries

- Telephone Exchange Office - 10126 N. Saginaw Rd.
- Telephone Tower location – 1445 W. Hurd Rd.
- Consumers Energy Generating Plant – 10500 N. Genesee Rd.

Other

- Scotts Lawn Service – 840 Tacoma Ct.

CLIO AREA FIRE DEPARTMENT

OPERATING GUIDELINE

TITLE: CONFINED SPACE OPERATIONS

REFERENCES:

DEPARTMENT OF LABOR & ECONOMIC GROWTH STANDARDS
PART 90. CONFINED SPACE ENTRY
PART 490. CONFINED SPACE ENTRY
CAFD RULES, REGULATIONS, POLICIES, AND GUIDELINES

THE PRIMARY FUNCTION OF CONFINED SPACE OPERATION IS: LIFESAVING OPERATIONS.

SAFETY OF DEPARTMENT PERSONNEL SHALL BE THE PRIMARY CONCERN FOR ALL OPERATIONS.

SHOULD AN EVENT OCCUR, CENTRAL DISPATCH IS TO BE NOTIFIED IMMEDIATELY TO RESPOND THE GENESEE COUNTY URBAN SEARCH AND RESCUE (USAR) TEAM.

CLIO AREA FIRE DEPARTMENT PERSONNEL ARE TO ESTABLISH INCIDENT COMMAND, PERFORM SIZE-UP AND BE PREPARED TO ASSIST THE USAR TEAM ON THEIR ARRIVAL. THEY ARE TO PERFORM ACTIVITIES FOR WHICH THEY HAVE BEEN TRAINED WHICH WILL MINIMIZE OR MITIGATE DANGERS FOR CIVILIANS AND THOSE INVOLVED IN THE SEARCH AND RESCUE ACTIVITIES.

APPARATUS

- Initial response shall be: 1 Squad and 1 Engine

PERSONNEL

- Initial response should be: A full compliment, based on seating for each apparatus.
- Minimum response shall be: 1 Officer, 1 Driver, 3 Fire Fighters
- If the minimum response is not available, a Second Alarm shall be called.

PERSONAL PROTECTIVE CLOTHING AND EQUIPMENT

- All personnel responding to the incident shall wear a complete set of turnout gear. Turnouts shall consist of; Helmet, Hood, Bunker Coat, Bunker Pants, Boots, and Gloves.
- All personnel entering a confined space MUST use SCBA.

TRAINING

- All personnel on the scene shall have completed, as a minimum, Fire Fighter II.

INCIDENT COMMAND

- The Incident Command System shall be utilized to the extent warranted by the nature of the incident.

MEMBER ACCOUNTABILITY

- All members will use the Department Accountability system as directed.

WORKING IN TEAMS OF TWO

- Members using SCBA (Self Contained Breathing Apparatus) shall operate in teams of two (2) or more who are constantly in communication with each other through visual, audible, direct physical contact, safety guide rope, electronic or other means to coordinate their activities, and are in close proximity to each other to provide assistance in case of emergency

OPERATIONS

- Immediately on dispatch, contact Central Dispatch to respond the county USAR (Urban Search and Rescue) team.
- If there is a pre-plan for the incident, utilize it to assist in locating victims.
- A RIT (Rapid Intervention Team) must be established at a point near the entrance to assist with escape of Fire Department personnel.
- A safety zone should be established around the incident and all non-trained individuals must be kept away from the danger area.
- The owner, operator, or a person from the business who is authorized to make decisions regarding the business, should be contacted to assist with size-up and cleanup if possible.