

Genesee County Association of Fire Chief's
Recommended Operating Guidelines

Effective 12-16-92
Revised 1-16-17
Review January 2020

SUBJECT: Equipment Standardization 92-3

SCOPE

This guideline shall apply to all Genesee County fire departments who may respond to emergency situations, mutual aid requests, or coordination efforts with manpower, apparatus, or other requested fire service equipment.

PURPOSE

The Genesee County Fire Chief's Association (GCFCA) shall wherever applicable provide for the fire departments, officers, and firefighters of Genesee County, a uniform system of identification which would be acknowledged, and fire service equipment which would be interchangeable when required to abate an emergency.

FIRE HYDRANTS

Fire hydrant hose nozzles shall be 2 1/2 national standard threads. The fire hydrant pumper nozzles installed shall be of a one-piece design, compatible with (4" or 5") stortz coupled large diameter fire hose. The nozzle shall be made of a lead-free brass alloy insuring long life resistance to oxidation and free of lead, which may contaminate public water supplies. The nozzle shall be color coated using a baked powder finish. The nozzle shall be an integral part of the fire hydrant assembly, resistant to tamper or removal by persons not familiar with the art of fire hydrant construction. Add on stortz compatible adapters shall not be acceptable for new installations.

FIRE HYDRANT IDENTIFICATION

In compliance with the Genesee County Water and Waste Services, adopted by the Genesee County Drain Commissioner, and incorporated into the Division's Standard Specifications, latest addition, fire hydrant caps shall be painted in accordance with the following chart:

<u>Main Size</u>	<u>Cap Color</u>
6 inch or smaller	red (fire engine red)
8 inch	orange (Allas Chalmers orange)
10 and 12 inch	green (John Deere green)
16 and 20 inch	brown (UPS brown)
24 inch and larger	light blue (greater-royal blue)

ELECTRICAL CONNECTORS

Electrical connectors shall be identified as those connectors that are used for emergency lights, fans, generators, truck connections or any other usage connected with an emergency on scene situation.

All male and female electrical connections shall be "NEMA" type L-5-20 adapter connections.

HELMET IDENTIFICATION

To provide uniformity for identification of all fire service personnel at an emergency situation, the helmet colors between the various ranks of officers and firefighters shall follow the color code listed below:

<u>Helmet Color</u>	<u>Rank</u>
White	All Chief Officers
Yellow	Captain
Red	Lieutenant and Sergeant

Black	Firefighter
Blue	Explorer Scouts
Orange	Unranked Fire ground Officers

UNIT DESIGNATION

All units will be identified by Department Name, Unit/Apparatus Type, and Unit Number.

Examples:

- Gaines Twp Chief 1
- Genesee Squad 16
- Fenton Twp Engine 11
- Grand Blanc Ladder 25
- Clio Tender 25
- Burton Brush 26

APPARATUS TYPES

Apparatus will be named by the type and function that the apparatus may perform on the fire department, for clear and precise identification with the number of the apparatus following the type:

Apparatus by type

<i>Engine</i>	Any apparatus of the fire service that flows 500 gpm or more and carries more than 500 gallons of water.
<i>Tanker/Tender</i>	Any apparatus of the fire service that supports a water flow operation and carries water or other equipment that supports water flow operations, such as hose.
<i>Ladder/Platform</i>	Any apparatus of the fire service that carries a fixed platform, basket, tower, or other type device to deliver water at greater heights.
<i>Air Tender</i>	Any apparatus of the fire service whose primary use is as an air unit.
<i>Squad</i>	Any apparatus of the fire service that may be used as manpower transport, or carry specialized equipment.
<i>Brush/Grass</i>	Any vehicle whose primary use is extinguishing grass or brush fires. This vehicle will normally be a 4 wheel-drive unit, equipped with a water tank and booster line. This vehicle, if capable, may also be used to transport personnel for mutual aid calls.
<i>Special Units</i>	Any apparatus of the fire service that has a single or specific task or function to perform i.e., air units, light units, command units, boats, etc.
<i>Car</i>	Chief's Car
<i>Rescue</i>	Any apparatus that is used for EMS, heavy rescue, or USAR purposes
<i>Radio</i>	Department Base radio (i.e. Gaines Township Radio)

STATION IDENTIFICATION

All fire departments within Genesee County will be assigned a department number as follows:

<u>Dept.</u>	
<u>No.</u>	<u>Department</u>
21	Atlas Township
23	Burton City
24	Clio Area
25	Davison Area
26	Flushing City
27	Flint Township
29	Genesee Township #1
31	Genesee Township #2
32	Grand Blanc
34	Linden City
35	Montrose Township
37	Mt. Morris Township
38	Mundy Township
39	Forest Township
41	Swartz Creek Area
42	Bishop Airport
44	Mt. Morris City
45	Fenton City
47	Argentine Township
48	Fenton Township
49	Gaines Township
07	Flint City

It should be noted that with the plain language requirement in NIMS and ease of identification during large incidents department names are used over department numbers for radio traffic purposes.

RAPID INTERVENTION TEAM CREW (RIT)

Assigned RIT personnel shall prepare themselves for their assignment of possible rescue situations by assembling the necessary equipment such as but not limited to the following:

- RIT bag or spare SCBA for lost/trapped personnel with buddy breather system or rescue mask
- Search/Rescue rope (min 150ft with knots every 20ft)
- Tag lines for each rescuer attached to search and rescue rope
- Forcible entry tools (i.e. Halogen bar, pick axe, sledge hammer, pry bar, bolt cutters, wire cutters)
- Hand light/interior lighting equipment
- Portable Radio (will have own channel when needed to allow trapped firefighter the ability to have open communications with IC)
- Thermal Imaging camera
- Charged hand line from Apparatus with independent water supply separate from fire operations.
- Ladder, available for quick deployment to the second floor in case of emergency evacuation from the second floor.

COMMAND POST IDENTIFICATION

The command post which is established at an emergency incident shall be identified by a rotating GREEN light, placed in a visible area for the location identification and which can be easily seen in a 360 degree radius.

ENFORCEMENT

Enforcement of this guideline will be the direct responsibility of the Genesee County Fire Chief's Association, the officers and firefighters of the member fire departments within Genesee County.