

# SOMERVILLE AUXILIARY FIRE DEPARTMENT

## Overview of Responsibilities and Workload

The primary function of the Somerville Auxiliary Fire Department is to provide support to the Professional Fire Department in the form of lighting and rehabilitation services at fire scenes and other emergency incidents.

The task of providing lights involves carrying various lights, cables, junction boxes, other equipment both outside and inside fire buildings or emergency containment areas. Equipment is often carried up stairways and sometimes over ground ladders or aerial ladders.

The following equipment is likely to be used during lighting operations: junction boxes, cables, 300 watt lights, 500 watt lights, tripod light stands, cable reels, portable generator.

Rehabilitation (Rehab) services involves providing Firefighters, Emergency Personnel and other Officials with water to aid in re-hydration and energy snacks for nourishment. Often a cooling mist fan will also be set-up to help reduce body temperature.

As well as providing lighting and rehab services members of the SAFD are sometimes called-upon to assist with fire suppression or overhauling procedures. Suppression operations can include taking hose lines into buildings, over ladders, through windows, dragging hose lines across the fire scene and operating fully charged with 100 - 200 PSI of pressure. Overhauling involves pulling down ceilings or walls, cutting or chopping areas to provide access to pockets of fire, moving or clearing debris, delivering a smoke ejector fan, removing hose lines and ground ladders and reloading onto apparatus.

Equipment used during overhauling operations include: axes, hooks, rakes, hoses, ladders and halligan tools.

For protection and safety members wear self-contained breathing apparatus (SCBA). This equipment is worn on the firefighter's back - similar to a back pack.

The Somerville Auxiliary Fire Department also pumps flooded residential basements. The performance of these duties includes placement and set-up of portable gasoline pumps, attaching intake and discharge hoses, manually moving (via shovel) water to aid in pumping operations.

### Approximate equipment weight

25' cable	3 pounds each	Portable pump - 300GPM	130 pounds
50' cable	5 pounds each	Portable pump - 140 GPM	60 pounds
75' cable	15 pounds each	Intake hose	25 pounds
100' cable	20 pounds each	Smoke ejector fan	50 pounds
Junction box	5 pounds each	Portable generator - 4000wt	150 pounds
Lights	5 pounds each	Portable generator - 1000wt	30 pounds
Tripod stand	20 pounds each	Mist fan	90 pounds
Hooks & Rakes	5 pounds each	Cambrose - water containers	45 pounds
Axe	5 pounds each		
2.5" hose	45 pounds/roll		
1.75" hose	25 pounds/roll		

Name of Primary Care Physician (print) \_\_\_\_\_

Signature of Primary Care Physician \_\_\_\_\_

Date \_\_\_\_\_