

Emergency Escape and Self Rescue Ropes and System Components for Firefighters Risk Assessment Work Sheet

Purpose: Allow Fire Departments to assess and plan for the design of an escape system for rapid exit from “Entrapment at Elevations” in structures they are likely to encounter in their response areas. This response area includes the Departments designated District and the areas/Districts the Department routinely assists through a reasonable frequency of Mutual Aid.

Directions: Complete the following chart and questionnaire.

Department Name: _____

Town/City: _____

Structures with greatest Escape Hazard (Tallest Structure)	Height of Building
Address:	
Address:	
Unusual Hazard	Comment:

1. What is the maximum height the FF may have to escape from?
2. What length of rope will we be issuing?
3. Do I need an anchor to safely facilitate what I expect the FF to do?
4. Do I need a Harness to safely facilitate what I will be expecting the FF to do?
5. Do I need a decent control device to safely facilitate what we expect the FF to do?
6. Will a descent control device be needed to hold a FF in place for rescue if the rope does not reach the ground?
7. What type of decent control device will we be using?
8. Can My FF safely accomplish an escape from the highest hazard I have identified with the system I am providing?
9. Do all interior Firefighters have the ability to use the system we issue as we intend?
10. Can I train my FF to use the system we issue as we expect them in the worst case scenario?

The Fire Department should use the findings to determine the components and capacity for their Emergency Escape System. Any situation that exceeds the capacity of the system should be address in the SOP/SOG developed for the EES.