



## Today's discussion is from the Entrapment Category.



### ENTRAPMENT AVOIDANCE

Avoiding situations where firefighters become entrapped is the first concern when devising strategy and tactics. The following discussion points are among the things that should be considered.

- Discuss the three types of safety zones and describe examples.
  - The burn
  - Natural features
  - Constructed sites
  
- Discuss the guidelines for distance separation to avoid radiant heat injury.
  - Four times the maximum flame height (20 feet-flame height x 4 = 80 feet radius from firefighters)
  - Discuss size based on amount of resources and equipment in the area.
  
- Discuss heat impact factors that will affect the guidelines for distance separation.
  - Convection heat from wind and terrain features
  - Location relative to fire spread
  - Reburn potential of fuel in safety zone
  
- Discuss that firefighter's have a right to know the location of their escape routes and safety zones at all times.
  
- Discuss that firefighter have a right to ask for clarification when faced with unclear instructions or fear of the unknown.
  
- Describe a basic procedure for identification of effective escape routes and safety zones.
  - Observe
  - Visualize
  - Identify
  - Time
  - Inform
  - Evaluate

#### References:

[Incident Response Pocket Guide](#)

[Fireline Handbook](#)

[Interagency Standards for Fire and Fire Aviation Operations](#)

**Have an idea? Have feedback? Share it.**

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