

ISO Duties at Defensive Fire Incidents	<h1>Fire Engineering</h1>	Standard References NFPA 1521; 6.2, 6.3
	<h1>Safety Officer</h1>	
<i>Instructors should always include department references and procedures in this and any training session.</i>		

Exterior Operation Duties

Background: At defensive fires, the safety officer plays a significant role in protecting members operating. In conjunction with the IC, Division, Group and Company Officers, many injuries and fatalities can be avoided by enforcing specific safety procedures. Fire ground officers know the importance of collapse zones however, many other incident hazards exist beyond that basic duty. Review these factors and hazards that occur during defensive fires and discuss roles and responsibilities of the ISO.

Collapse Danger Zones -1 ½ times height -Identification and establishment of the zones	Fire Scene Hazards -Smoke and heat -Obscured visibility -Crew assignments -Incident Action Plan in place and communicated	Specific Scene Hazards -Fire spread potential -Explosion -Contaminated runoff	Long Term Factors -Rehab -Lighting -Crew rotation and replacement
Fire Streams -Loading on building -Streams knocking over structure -Water rebounding	Water Supply -Adequate -Uninterrupted -Alternates available	Traffic -Apparatus traffic -Local area traffic -Other agency equipment -Egress for all -Staging area management	Environmental Hazards -Heat -Cold -Wind -Storms -Weather changes
Overhauling -After knockdown safety -Levels of entry necessary	Exposure Protection -Entry of exposures or stream protection -All interior safeties apply to exposure protection	RIT Usage -In place and ready to deploy -Keep from task level assignments -Rotate	Investigation -Entry permissions -Stability of structure -Off limit areas -Security of scene

Discussion

How would you prioritize these factors at a fire scene?

How do you accomplish each of these factors and assignments?

How do you monitor these factors and assignments?



Assuming these fires are now being fought defensively, which safety officer defensive duties would need to be performed? Are there specific hazards you can identify here?