

Incident Scene Evaluation of Operations	Fire Engineering	Standard References NFPA 1521; 6.1.7
	Safety Officer	
Instructors should always include department references and procedures in this and any training session.		

What Does the Safety Officer Evaluate at a Fire Scene?

Background: There are many factors that need to be evaluated and re-evaluated at a fire scene by the safety officer. Priorities will be established based on the strategic mode of operation and the tactics being employed. Many of these factors will need to be re-checked later into the incident. Relief crews must be made aware of what hazards exist. The incident operation time may effect incident integrity of the incident and change initial assessment of hazards. Hazards that are classified as imminent must be dealt with immediately. **Review the following areas or operations listed in the left column and write down what and how you would watch and monitor during your scene evaluation.**



Operations Evaluation	Watch Out Concerns—What To Look For
Flashover / Backdraft potential	
Traffic control and traffic hazards	
Smoke evaluation (Volume, Velocity, Density, Color)	
% of building involved in fire	
Estimate of required water flow	
Scene lighting	
RIT in place and equipped	
Back-up lines in place and manned	
Ladders to upper floors for escape	
Exposures protected	
Are tactical assignments effective	
Overall PPE use	
Slip/fall hazards	
Communications process between companies and I/C; I/C and Dispatch	
Accountability system usage	
Environmental conditions	
Rehab & EMS on standby	
Operational benchmarks completed	