

Unit 7
Risk Management and Safety



Unit Terminal Objective

Describe the risk management and safety responsibilities of the Division/Group Supervisor.



Risk Management Responsibility



Risk Management Responsibility

- The Division/Group Supervisor directs Division or Group Resources to carry out the tactical assignments
- A critical part of this direction includes establishing a risk management process

Risk Management Terms

Hazard

- Things within the environment that can cause harm to people or equipment

Risk

- The chances that people take in relationship to the hazard



Risk Management Terms (cont.)

Distinctions between hazards and risks:

- A hazard does not necessarily put you at risk
- Everything we do exposes us to hazards
- It is how we deal with the hazards that determine the risk

Risk Management Terms (cont.)

- **Hazard Assessment:**
 - Identification and evaluation of hazards
- **Risk Assessment:**
 - Identification and evaluation of risks



Risk Management Terms (cont.)

Risk Management:

The process of planning, organizing, directing, and controlling the resources and activities of an organization in order to minimize detrimental effects on that organization.

Risk Management Terms (cont.)

- **Risk Mitigation:**

- Specific measures established to reduce or eliminate risks

- **Decision Point:**

- Go/No-Go decision based on whether risk mitigations established can adequately reduce or eliminate the risk identified

Risk Management Model

1. Risk Identification
2. Risk Evaluation
3. Risk Prioritization
4. Risk Control Measures
5. Risk Monitoring



Risk Identification

- Identify risks in your assignment
- Identify risks in overall incident



A black and white photograph showing a group of firefighters at a rescue scene. They are working together to lift a person who is lying on a stretcher. The firefighters are wearing helmets and uniforms, some with "Fort Worth FIRE Department" visible. The scene is outdoors, with a fire truck and other vehicles in the background. The text "EXERCISE 6" is overlaid in large, white, bold letters.

EXERCISE 6

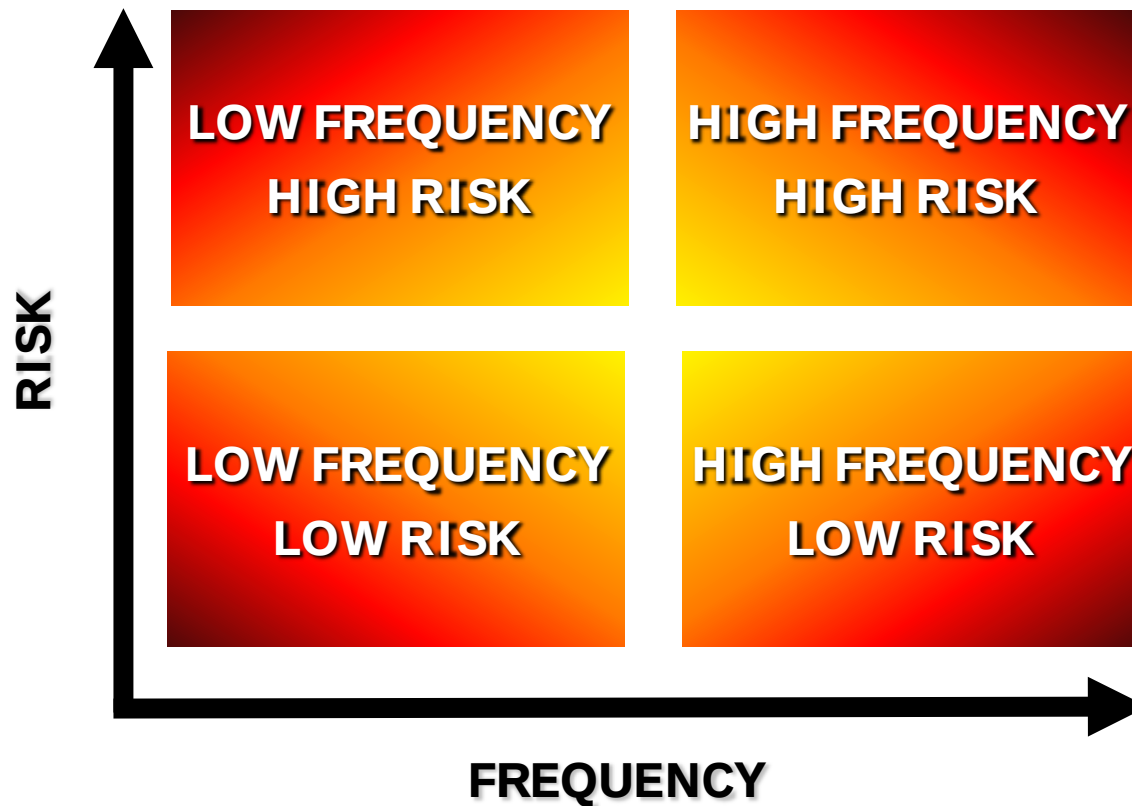
Risk Evaluation

Determine which risks will be controlled first.



Risk Evaluation

Frequency and Risk (severity) Matrix



Risk Prioritization

- Determine which risks will be controlled first
- There is no correct order
- Matrix may help to classify problems



Risk Control Measures

1. **Avoidance**
2. **Use of PPE**
3. **ICS**
4. **Personnel accountability system**
5. **Training and education**

Risk Control Measures

1. Avoidance
2. Use of PPE



Risk Control Measures

3. ICS
4. Personnel accountability system
5. Training and education



Risk Monitoring

- Should be immediate and continuous throughout the incident
- Awareness of accident and injury data will assist the Division/Group Supervisor in hazard and risk identification and mitigation



Risk Monitoring

- Analysis after significant incidents
- After Action Report





EXERCISE 7

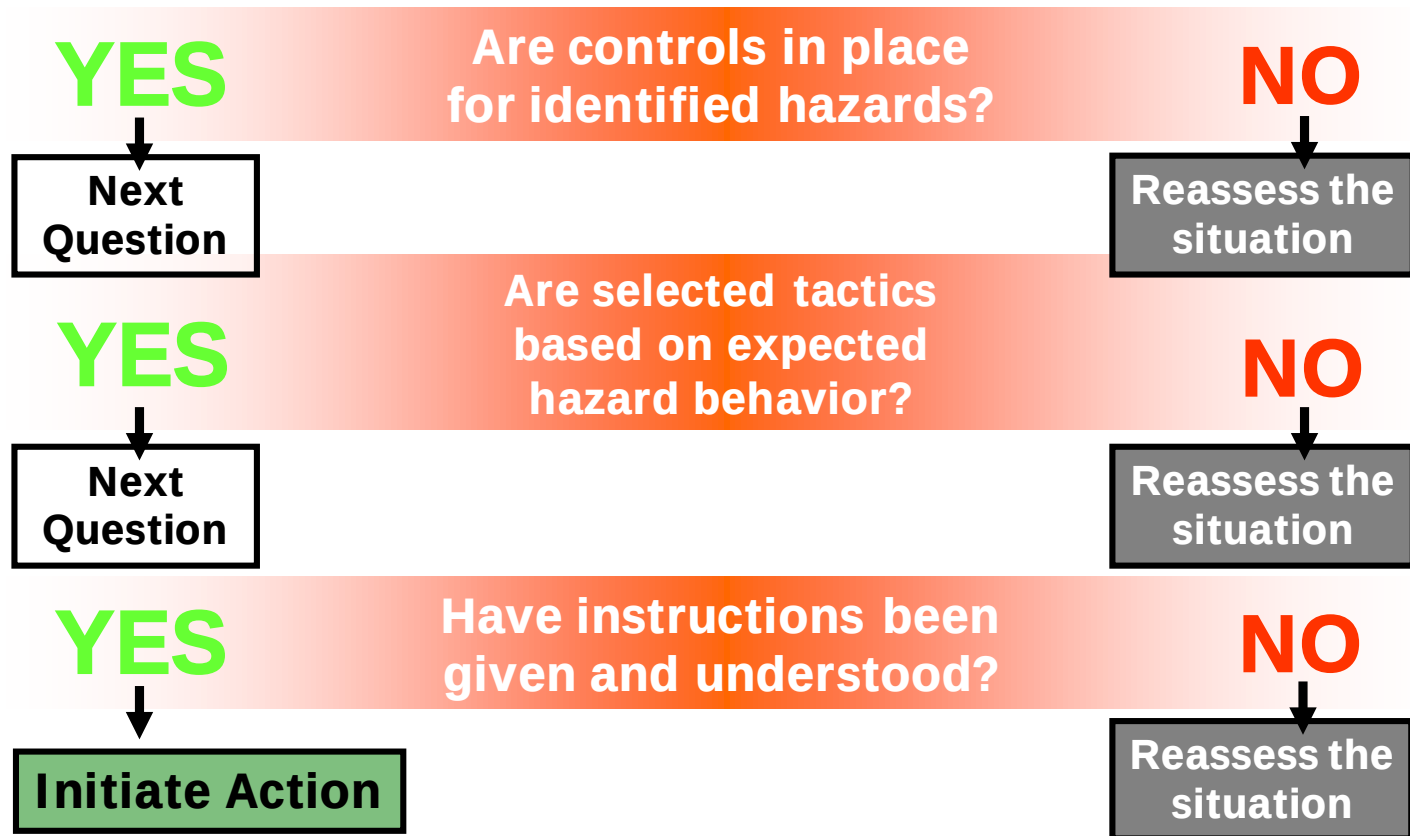
Risk Management Toolbox

What safety guidelines do you use?



Risk Management Process

Decision Point – Go/No Go



Situational Awareness

A combination of long held attitudes and knowledge with information gathered from current situation.

- Building a perception
- Accurate and timely new information

Perception  Reality = Situational Awareness

Barriers to Situational Awareness

- **Fatigue**
- **Time pressure**
- **Inexperience**
- **Overconfidence**
- **Distraction**
- **Supervisory pressure**
- **Peer pressure**
- **Selective perception**

Hazardous Attitudes

- **Anti-authority**
- **Impulsive**
- **Invulnerable**
- **Macho**
- **Resignation**

Key Questions

- Can personnel work safely?
- Do you understand the strategy and tactics?
- Has a briefing been held with feedback?



Division/Group Supervisor Safety Commitment

The Division/Group Supervisor must show a personal commitment to safety.

How can this be done?

Division/Group Supervisor Safety Examples

- Stress safety in briefings and one-on-one
- Listen to safety concerns of incident personnel
- Ensure subordinates understand their safety responsibilities
- Visit divisions and incident facilities
- Set examples by wearing appropriate PPE
- Expect the unexpected
- Consider personnel welfare needs

Objectives Review

- 1. What is the definition of risk management? Risk assessment?*
- 2. What are the steps involved in risk management processes?*
- 3. What is hazard mitigation?*