

# Handling of Dangerous Goods

Handling of a Chemical incident

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# Chemical incidents



# Introduction

- ER Strategy will depend on the following:
  - The size of the incident
  - The nature of the incident
  - The complexity of the incident
- Apply a logical and systematic approach
- Establish an incident command post
- Do a proper size-up and implement an incident action plan
- Monitor the plan and amend as deemed necessary to meet the realities of the situation.



# Incident evaluation

## Size-Up:

Conduct a careful size-up before making any commitments.

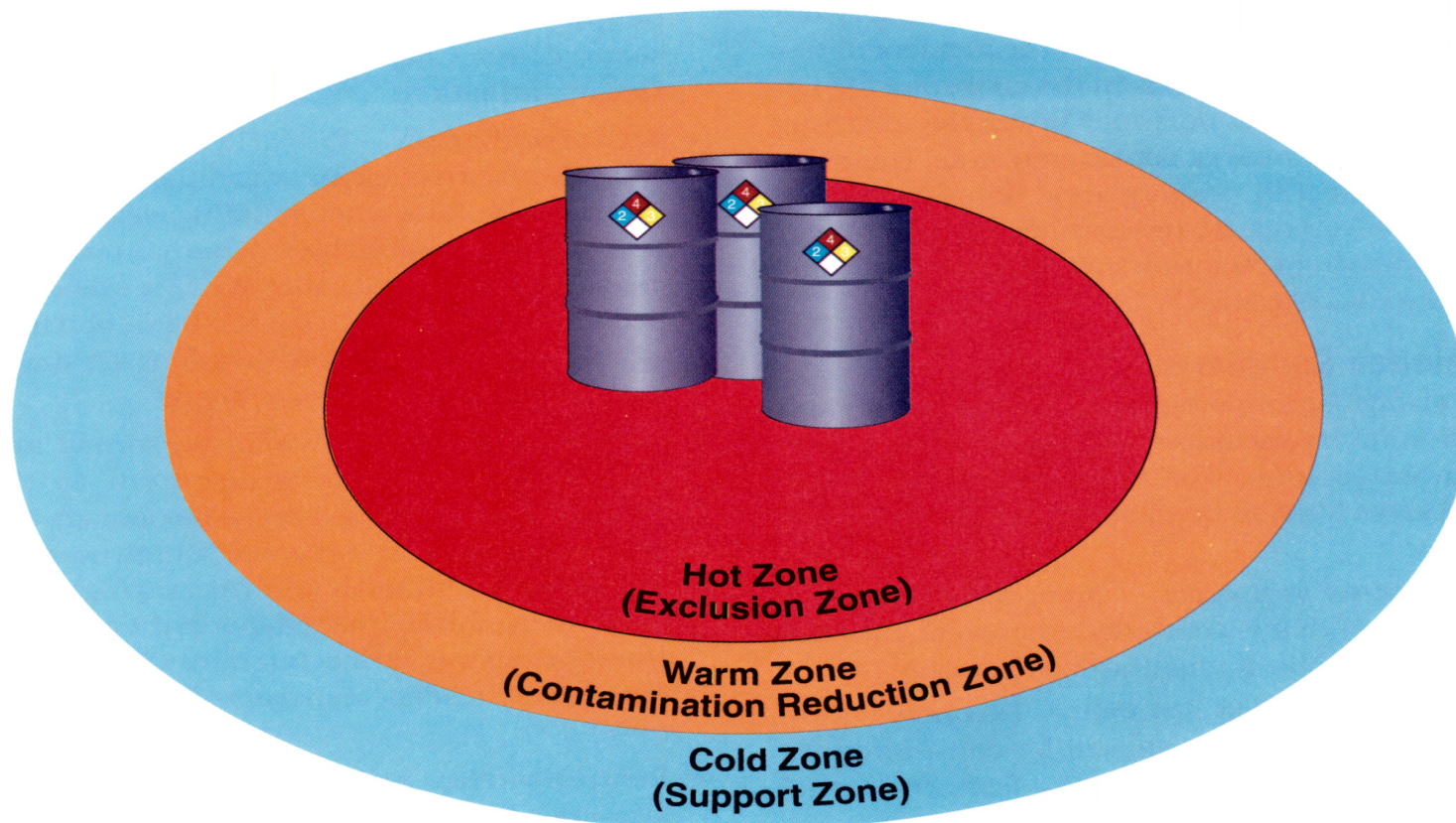
Objective is to identify the **nature and severity** of the immediate problem and to gather sufficient information to formulate a valid action plan.





# Zoning of the incident

## Hazard Control Zones



# Incident command

- IC to coordinate activities on scene and to control activities that may have mutual effects.



## Emergency Response Information

- Basic description and technical name(s) of hazardous materials
- Health hazards
- Risks - fire and/or explosion
- Immediate precautions
- Firefighting methods
- Spill/leak containment
- First aid measures



[172.602\(a\)](#)



# Hazard Identification

“IF YOU DON’T KNOW, DON’T GO , IT MIGHT BLOW”

- Always remember to:
  - Assess the situation and available resources
  - Determine an appropriate incident action plan
  - Monitor the effectiveness of the plan, and
  - Continually modify plans to meet realities of the situation





# BLEVE scenario



# Exercise



Thank you

