

EXERCISE DESIGN

PRACTICAL CONSIDERATIONS

**UNEP-ICCA Project “Promoting Chemical
Safety Management in the African Region”**

**Training Workshop on Emergency
Preparedness and Dangerous Goods
Handling**

Tema, Ghana, 16-19 June 2014

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**Colorado Emergency Planning
Commission**



WHY HAVE EXERCISES ?

- AN EXERCISE IS ONLY AN ACTIVITY
 - EMERGENCY PLANS ARE MORE THAN RESPONSE OR DEMONSTRATING SKILLS
- EXERCISES SHOULD PRODUCE MEASURABLE OUTCOMES BASED ON PERFORMANCE
- MEASURING OUTCOMES SHOWS WHETHER WE ARE MAKING PROGRESS TOWARDS THE DESIRED VISION



PRINCIPLES FOR EXERCISES

- ACCIDENTS AND DISASTERS ARE NOT PREDICTABLE
 - PLANS MUST BE DYNAMIC AND THE EXERCISE SHOULD TEST THOSE PLANS

- USE THE EXERCISE TO LEARN AND IMPROVE
 - IT IS NOT JUST A DEMONSTRATION OF SKILLS
 - DO NOT USE A SCRIPT
 - THE EXERCISE MUST CHALLENGE THE PARTICIPANTS
 - THEY WILL NOT BE PERFECT
 - FIND THINGS TO IMPROVE THE PLAN



KEY PLANNING PARTICIPANTS

- ACTORS
 - THE PEOPLE THAT WILL PERFORM TASKS AND DEMONSTRATE SKILLS
- OBSERVERS
 - THE PEOPLE THAT WILL EVALUATE WHAT THE ACTORS DO DURING THE EXERCISE
- PLANNERS/CONTROLLERS
 - THE PEOPLE THAT PLAN AND DIRECT THE EXERCISE
 - THE STEPS THAT FOLLOW ARE FOR THE PLANNERS AND CONTROLLERS TO PERFORM



STEP 1

- ASSESS NEEDS

- IS THERE A PARTICULAR HAZARD TO BE ADDRESSED?
- ARE THERE PARTICULAR FUNCTIONS OR SKILLS TO BE TESTED?
- DOES THE INTERACTION OF VARIOUS AGENCIES, FACILITIES AND PUBLIC NEED TO BE TESTED?



STEP 2

- DEFINE THE SCOPE OF THE EXERCISE
 - TYPE OF EMERGENCY
 - DURATION?
 - SIMULATED INJURIES?
 - WHO PARTICIPATES
 - PUBLIC, FACILITIES AND RESPONDERS
 - LOCATION
 - BROAD FUNCTIONS OF PARTICIPANTS
 - ALERT AND WARNING?
 - MEDICAL TREATMENT AND EVACUATION?
 - COMMAND STRUCTURE?



STEP 3

- CREATE STATEMENT OF PURPOSE FOR THE PLANNING TEAM
 - WHAT ARE WE TESTING?
 - WHO IS INVOLVED?
 - WHAT WILL THEY LEARN?
 - PLANNING TEAM MUST BE IN AGREEMENT



STEP 4

- ESTABLISH DESIRED OUTCOMES
 - WHAT WILL BE DEMONSTRATED OR LEARNED FROM THE EXERCISE?
 - LIKELY MULTIPLE THINGS
 - WHAT SORT OF PERFORMANCE IS EXPECTED FROM THE PARTICIPANTS?

预览已结束，完整报告链接和二维码如下：

https://www.yunbaogao.cn/report/index/report?reportId=5_16319

