Hazardous Materials for First Responders

Questions and Answers

From IFSTA Hazmat for First Responders 4th Edition

Awareness-Level Actions at Hazardous Materials Incidents

1. What action involves having occupants remain in a structure or vehicle to provide protection from a rapidly approaching hazard?
p. 175

*A.) Shelter in place
B.) Evacuation
C.) Isolation
D.) Area of refuge

2. Which of the following is NOT provided in the public safety section of the ERG Initial Action Guides?
p. 173

A.) Recommended PPE
*B.) Potential hazards from the material
C.) Evacuation distances for small spills
D.) Initial isolation distances

3. Which color pages in the ERG can be used to identify container profiles?
p. 171

A.) Orange
B.) Yellow
*C.) White
D.) Green

4. When a chemical is highlighted in the orange-bordered section of the ERG, which pages should be referenced?
p. 185

A.) White
B.) Red-bordered
C.) Yellow-bordered
*D.) Green-bordered

5. Which of the following should the Awareness-Level personnel at a terrorist incident NOT do?
p. 182

A.) Deny entry to the incident
B.) Keep contaminated persons at the scene
C.) Take pictures of the scene
*D.) Contact contaminated surfaces

6. Which pages in the ERG should be consulted first when the four-digit UN identification number is available?
p. 184

A.) Orange-bordered
B.) White-bordered
*C.) Yellow-bordered
D.) Green-bordered

7. In which pages of the ERG can the first responder locate the profile of a container?
p. 186

A.) Red-bordered
B.) Yellow-bordered
C.) Orange-bordered
*D.) White

8. What is the boundary established to prevent access by the public and unauthorized persons at the haz mat incident called?
p. 181

A.) Shelter in place
B.) Line of jurisdiction
*C.) Isolation perimeter
D.) Decontamination cordon

9. Which of the following is NOT something the emergency response plan must cover?
p. 169

A.) Emergency recognition and prevention
B.) Evacuation routes and procedures
C.) Critiques of response and follow up
*D.) Isolation

10. Which section of the ERG is considered most important?
p. 172

A.) Red
B.) Green
*C.) Orange
D.) Blue

11. What do the yellow-bordered pages of the ERG provide?
p. 172

*A.) Index list of hazardous materials in numerical order of ID number
B.) Index of dangerous goods in alphabetical order by material name
C.) Safety recommendations and general hazards information
D.) Table that lists (by ID number) TIH materials

12. Which level of responder should NOT approach a victim in a haz mat incident?
p. 176

*A.) Awareness
B.) Operations
C.) Technician
D.) Specialist

13. What pages in the ERG should be consulted first when the material name is known?
p. 185

A.) Orange-bordered
*B.) Blue-bordered
C.) Yellow-bordered
D.) Green-bordered

14. Which color is the border for the pages in the ERG that contain a table that lists TIH materials?
p. 177

A.) White
B.) Blue
C.) Yellow
*D.) Green

15. What will the minimum evacuation distance be for all haz mat incidents?
p. 179

*A.) 100 feet (30 m)
B.) 150 feet (45 m)
C.) 200 feet (60 m)
D.) 250 feet (90 m)

16. Who is often used to establish the isolation perimeter at the haz mat incident?
p. 182

A.) Volunteers
B.) Fire fighters
*C.) Law enforcement
D.) EMS

17. Which of the following is NOT something that the predetermined procedures accomplish?
p. 170

A.) Reduce chaos at the haz mat scene
B.) Describe assumption and transfer of command
*C.) Decrease accountability and level of command
D.) Prevent duplication of efforts

18. Which kind of hazard do the TIH materials present?
p. 178

*A.) Inhalation
B.) Injection
C.) Absorption
D.) Ingestion

19. What is the single most critical factor at the haz mat incident?
p. 178

*A.) Concentration of the contaminant in the air
B.) Area affected by the spill
C.) Time of day the contamination occurs
D.) Quantity of material that has been spilled

20. At what level will responders begin to be allowed to work within the hazardous areas at a haz mat incident?
p. 174

A.) Specialist
*B.) Operations
C.) Awareness
D.) Technician

21. Where on the incident scene does the protective action distance apply?
p. 177

A.) Upwind of the materials
B.) Perimeter set up around the material
C.) Distance to the decontamination unit
*D.) Downwind of the materials

22. In which section will information be given about what type of extinguishing agent to use on a fire at a haz mat incident?
p. 175

A.) Public safety
*B.) Emergency response
C.) Protective action
D.) Potential hazards

23. Where are the contact numbers located in the ERG for government-operated emergency response centers?
p. 179

A.) Red pages
B.) Orange pages
*C.) White pages
D.) Green pages

24. Whose role should the SOPs spell out?
p. 169

A.) Technician-level personnel
B.) Operations-level personnel
C.) Specialist-level personnel
*D.) Awareness-level personnel

25. An incident involving up to what size drum is still considered a small spill?
p. 177

A.) 85-gallon (321 L)
B.) 75-gallon (284 L)
C.) 65-gallon (246 L)
*D.) 55-gallon (208 L)

26. The ERG tables will not apply if the hazardous materials have been leaking for what amount of time?
p. 179

A.) 25 minutes
B.) 15 minutes
C.) 20 minutes
*D.) 30 minutes

27. Which of the following is a U.S. emergency response center that is NOT government operated?
p. 179

A.) CIQUIME
*B.) CHEMTREC
C.) CANUTEC
D.) CENACOM

28. Under which section in the Initial Act Guide of the ERG are protective clothing recommendations given?
p. 173

A.) Potential hazards
B.) Evacuation
*C.) Public safety
D.) Isolation

29. What is accomplished by Awareness-Level personnel when they initiate isolation and scene control?
p. 181

A.) Identification of the material involved
*B.) Safety of themselves and others
C.) Lessening legal ramifications
D.) Shortening of the incident

30. What color will the chemical be highlighted when the reader should consult the tables on the green-bordered pages listing TIH materials?
p. 175

A.) Red
*B.) Green
C.) Yellow
D.) Blue

31. Which of the following does the ERG NOT address?
p. 171

A.) Identification of the specific or generic hazards of materials encountered
B.) How to protect the responders and general public during the initial response
C.) Isolation and protective distances from haz mats in highway incidents
*D.) All possible circumstances that may be encountered at a haz mat incident

32. Which section within the orange-bordered pages of the ERG should be consulted first?
p. 173

*A.) Potential hazard
B.) Public safety
C.) Emergency response
D.) Isolation distance