

## **HAZMAT FRA/FRO STUDY GUIDE**

The purpose of this study guide is to provide some topic areas that might be useful to focus on in order to be more successful on the AZCFSE written FRA/FRO examination. There is no guarantee that all topics covered on the exam will be listed in this study guide.

1. Types of transportation tanks (Be able to identify and name them. Know modes and responsible parties)
2. Understand DOT placards, labels and markings
3. Understand All DOT hazard classes and divisions
4. Roles of the different agencies: EPA, DOT, Chemtrec, FBI, Postal Service, OSHA
5. When to call Chemtrec and the information they need: what to expect and not to expect
6. Radiation hazards: types, classification, protection, and PPE required
7. PPE levels of protection (protective clothing) & working knowledge of SAR, SCBA, PAR
8. Chemical agents and their classification (DOT, UN, etc)
9. Decontamination (understand the different types)
10. Emergency decontamination procedures
11. Technical decontamination steps
12. Remote shut off's/ remote shut off's on MC carriers (understanding how they work, the different types, and locations)
13. Defensive control techniques (understand and be able to define): absorption, adsorption, damming, diking, dilution, diversion, vapor dispersion, remote valve shutoff
14. Exposure: signs, symptoms, routes, affects, protection, guidelines
15. Review Sheltering-in-place steps
16. Outline three zones
17. Understand the terminology of the Control Zones
18. Command: functions, areas, roles, positions, and safety officer roles
19. Understand the difference between Level I, II, and III Incidents
20. Definitions of permeation, penetration, and degradation
21. Understand how to identify the Table of Initial Isolation and Protective Distances.
22. Emergency Response Guide (ERG): Uses and sections: Understand the operational components of the ERG verses the NIOSH. Understand the isolation zones and color as related to the ERG: Understand the Potential Hazard categories found in the Orange Pages of the ERG
23. Review the steps involved during the protective action phases of an incident
24. Know the definition of a hazardous material as defined by DOT.

# Georgia Hazmat Study Guide

**AN Whitehead**



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