

Asbestos Refresher: Project Design

Examination Study Tips

1. What kinds of bonds and insurance can the designer require from the contractor and what do they cover?
2. Who should do the post abatement visual inspection and clearance air testing? What standards apply to these activities?
3. What are the major pre-design activities to verify existing conditions?
4. What EPA regulation addresses renovation or demolition projects? What is required for compliance? What EPA regulation addresses training and accreditation of designers, workers and supervisors?
5. What are the OSHA classes of asbestos work? What work practices and engineering controls are required for each?
6. What are the major components of contract documents? What are the two major types of specifications? What are the benefits/disadvantages of each?
7. What information do you need to know in order to estimate costs of asbestos removal and replacement?
8. What are the requirements for a “negative pressure enclosure” as specified by OSHA?
9. What types of air sampling and analysis is conducted on asbestos abatement projects? What are the clearance criteria for each kind of test under AHERA?
10. Under OSHA, when are you required to use Half-Face Air Purifying, Powered Air Purifying (PAPR), or Type C Supplied Air respiratory protection?
11. What other disciplines may be involved in the preparation of asbestos abatement design documents?
12. What procedures can be used to protect operational electrical equipment in an asbestos abatement project work area?
13. What techniques can be used to address heat stress in the abatement work area?
14. As a minimum, you should plan for how many fire extinguishers for an asbestos abatement projects?
15. What property of a lockdown encapsulant is important in selecting the proper encapsulant?