

Asbestos Training Course Descriptions

1. Project Designer Course. The project designer training course is three days in length. Persons seeking to be licensed as an asbestos consultant or accredited as a project designer shall complete the project design course. Successful completion of the course shall be demonstrated by achieving a score of at least 70% correct on the written course examination. The course addresses:

- (1) background information on asbestos;
- (2) potential health effects related to asbestos exposure;
- (3) overview of abatement construction projects to include clearance of the project area;
- (4) safety system design specifications, including written sampling rationale for air clearance;
- (5) field trip;
- (6) employee personal protective equipment;
- (7) additional safety hazards;
- (8) fiber aerodynamics and control;
- (9) designing abatement solutions and written project design;
- (10) budgeting/cost estimation;
- (11) writing abatement specifications;
- (12) preparing abatement drawings;
- (13) contract preparation and administration;
- (14) legal/liabilities/defenses;
- (15) replacement;
- (16) role of other consultants;
- (17) occupied buildings;
- (18) how to accomplish a complete visual inspection;
- (19) relevant federal, Texas, and local regulatory requirements; and
- (20) course review.

2. Contractor/Supervisor Course. The contractor/supervisor course consists of five days of training. Persons seeking to be licensed as an asbestos abatement contractor, asbestos abatement supervisor, project manager, or operations and maintenance (O&M) (restricted) contractor/supervisor or accredited as an asbestos abatement contractor or supervisor, shall successfully complete the contractor/supervisor training course. The course may be substituted for the asbestos abatement worker course; this substitution also applies to annual refresher training. This training shall include a written examination of 100 multiple-choice questions. Each trainee must score at least 70% correct on this written exam to successfully complete the course. The course addresses:

- (1) physical characteristics of asbestos and asbestos-containing building material (ACBM);
- (2) potential health effects related to asbestos exposure;
- (3) employee personal protective equipment;
- (4) state-of-the-art work practices;
- (5) personal hygiene;
- (6) additional safety hazards;
- (7) medical monitoring;
- (8) air monitoring;
- (9) relevant federal, state, and local regulatory requirements;
- (10) establishment of respiratory protection programs and medical surveillance programs;
- (11) 14 hours of hands-on training, including work area preparation, decontamination chamber construction, cleaning and disposal, and respirator fit testing and maintenance;
- (12) insurance and liability issues;
- (13) recordkeeping for asbestos abatement projects;
- (14) supervisory techniques for asbestos abatement activities;
- (15) contract specifications; and
- (16) course review and manual.

3. Abatement Worker Course. The worker training course consists of four days of training. Persons seeking registration or accreditation as asbestos abatement workers shall successfully complete the course. Successful completion of the contractor/supervisor training course shall also be acceptable as qualification for asbestos worker applicants. The worker

training course shall include a written examination consisting of 50 multiple-choice questions. Successful completion of the course shall be demonstrated by achieving a score of at least 70% correct on the written examination. The course shall adequately address:

- (1) physical characteristics of asbestos and ACBM;
- (2) potential health effects related to asbestos exposure;
- (3) employee personal protective equipment;
- (4) state-of-the art work practices;
- (5) personal hygiene;
- (6) additional safety hazards;
- (7) medical monitoring;
- (8) air monitoring;
- (9) relevant federal, state, and local regulatory requirements;
- (10) establishment of respiratory protective programs and medical surveillance programs;
- (11) 14 hours of hands-on training, including work area preparation, decontamination chamber construction, cleaning and disposal, and respirator fit testing and maintenance; and
- (12) course review and manual.

4. Inspector Course. The inspector course consists of three days of training. Persons seeking to be licensed or accredited as asbestos inspectors shall successfully complete the approved training course. The inspector course shall include a written examination consisting of 50 multiple choice questions. Successful completion of the course shall be demonstrated by achieving a score of at least 70% correct on the written examination. The course addresses:

- (1) background information of asbestos;
- (2) potential health effects related to asbestos exposure;
- (3) functions/qualifications and role of inspectors;
- (4) legal liabilities and defenses;
- (5) understanding of building systems;
- (6) public/employee/building occupant relations;
- (7) pre-inspection planning, and review of previous survey records;
- (8) inspecting for friable and non-friable ACBM;
- (9) assessing of the condition of friable ACBM;
- (10) bulk sampling/documentation of asbestos;
- (11) air monitoring;
- (12) employee personal protective equipment;
- (13) record keeping and writing of the survey report;
- (14) regulatory review;
- (15) field trip, to include a building walk-through inspection at a suitable location outside of the classroom;
- (16) course review and manual

5. Management Planner Course. The management planner course consists of two days of training, and has as a prerequisite, the three-day asbestos inspector course. Persons seeking to be licensed as management planners shall successfully complete the training for inspectors, plus the asbestos management planner course. The management planner course shall include a written examination consisting of 50 multiple choice questions. Successful completion of the course shall be demonstrated by achieving a score of at least 70% correct on the written examination. The course addresses:

- (1) course overview;
- (2) evaluation and interpretation of survey results;
- (3) hazard assessment;
- (4) legal implications;
- (5) evaluation and selection of control options;
- (6) role of other professionals;
- (7) developing an operations and maintenance (O&M) plan; and
- (8) regulatory review; and
- (9) recordkeeping for the management planner;
- (10) assembling and submitting of a management plan;
- (11) financing abatement actions; and
- (12) course review and manual.

6. Air Monitoring Technician (AMT) Course. Persons seeking to be licensed as air monitoring technicians shall successfully complete a three-day training course. The air-monitoring technician course shall include a written examination consisting of 50 multiple choice questions. Successful completion of the course shall be demonstrated by achieving a score of at least 70% correct on the examination. The course addresses:

- (1) health effects of asbestos;
- (2) asbestos regulations (state and federal);
- (3) asbestos sampling and evaluation methods;
- (4) calculating sampling times;
- (5) time weighted average calculation;
- (6) calibration of air sample pumps;
- (7) sample logs and records;
- (8) compliance testing;
- (9) clearance testing; and
- (10) clearance procedures.