Chapter 27: Asbestos

General Requirements

1 Purpose

The purpose of these requirements is to ensure that asbestos work is accurately classified and that only trained and qualified personnel handle, remove, or otherwise disturb asbestos containing material (ACM). They cover the identification of potential ACM, the classification of asbestos work, and the management of asbestos waste. They apply to workers, supervisors, asbestos abatement subcontractors, field construction managers, Field Services representatives, building and area managers, and the program manager; and Waste Management and the Building Inspection Office.

2 Requirements

2.1 Hazard Identification

The asbestos program manager must inspect each building at least once for asbestos and document the results in the Asbestos Inventory. The asbestos program manager will ensure that the potential for an asbestos hazard is communicated to building and area managers and that the required warning signs are posted, as described in Asbestos: Posting Requirements. Building and area managers must report damage to any ACM to the asbestos program manager (see Asbestos: Office Floor Tile Requirements).

A job-specific inspection is required before every demolition or any renovation involving asbestos work. To this end, the Building Inspection Office (BIO) ensures that the asbestos program manager and the air quality program manager review all building renovation and demolition projects.

2.2 Work Classification and Requirements by Class

Asbestos work is classified as follows by the federal Occupational Safety and Health Administration (OSHA).

2.2.1 Class I Asbestos Work or Work that Requires an Asbestos Work Notification

Class I asbestos work and any work that requires a Bay Area Air Quality Management District (BAAQMD) work notification may only be performed by an asbestos abatement subcontractor. All other workers are prohibited from performing Class I work and from entering any area where Class I asbestos work is being performed (unless a field construction manager or Field Services representative, as described in Section 2.2.4.1, “Entry into Subcontractor Containments”).
The notification process is described in Air Quality: Asbestos Notification Procedure. It is required for:
- All demolition projects
- Renovations involving the abatement of friable ACM (or ACM that will become friable during removal) in amounts greater than or equal to 100 linear feet, 100 square feet, or 35 cubic feet
- Planned or actual renovations occurring within a time frame of no less than 30 days and no more than one year in which the total ACM removed is predicted to add up to a reportable quantity

2.2.2 Class II and Class III Asbestos Work

Class II and Class III asbestos work must be evaluated by the asbestos program manager before work begins and can only be performed by trained and qualified SLAC personnel or asbestos abatement subcontractors. See Asbestos: Class II and Class III Asbestos Work Requirements for required controls for such asbestos work as:
- Removing floor tiles
- Removing transite panels (30 percent asbestos)
- Cutting transite pipe
- Removing wallboard
- Drilling into floor tiles
- Roof core removal, roof cutting

The asbestos program manager performs work site monitoring as needed for all Class II and III asbestos work not performed by an asbestos abatement subcontractor.

2.2.3 Class IV Asbestos Work

Class IV asbestos work can only be performed by trained and qualified personnel. Class IV asbestos work includes maintenance activities during which employees contact but do not disturb, cut, or damage ACM or potential ACM, for example cleaning or waxing asbestos-containing floor tiles.

2.2.4 Unclassified Asbestos Work

Unclassified asbestos work can only be performed by trained and qualified personnel. Unclassified asbestos work includes:
- Changing vehicle brakes and clutches in a transportation shop in which five or fewer brakes are changed per week (for requirements see Asbestos: Vehicle Brake Work Requirements)
- Entry into subcontractor containments, for the purpose of carrying out inspections and oversight (see below)

2.2.4.1 Entry into Subcontractor Containments

Access to subcontractor-built asbestos containments where asbestos work is being done is restricted to qualified subcontractor workers. Field construction managers (FCMs) and representatives of the Field Services Department are allowed to access these areas, subject to the following conditions:
The FCM/Field Services representative must

- Be current in asbestos training ([ESH Course 150](#))
- Avoid entry if possible by the use of viewports in containments, remote video, or other means
- Wear a P-100 half mask respirator (or better) while inside of a containment. This requires authorization to use a respirator, including all required training and a fit test with the P-100 respirator (see [Chapter 29, “Respiratory Protection”](#)).
- Wear disposable Tyvek coveralls
- Wear all required personal protective equipment as signs on the containment require
- Make entry into the work area brief, not more than 15 minutes at a time, with a minimum 15 minute break before reentering, and not more than three times per day
- Notify the SLAC asbestos program manager of entry into asbestos containments. Air sampling for the PEL and the 30 minute excursion level may be required.
- Not eat, drink, smoke, chew tobacco or gum, or apply cosmetics in the regulated area
- Not approach closely to work where asbestos is being disturbed

### 2.3 Waste Management

All asbestos-containing waste must be managed by the Waste Management Group, which must be contacted before conducting any work that could produce asbestos waste.

### 3 Forms

The following forms are required by these requirements:

- [Asbestos Inventory](#)

### 4 Recordkeeping

The following recordkeeping requirements apply:

- The asbestos program manager is responsible for maintaining the [Asbestos Inventory](#).
- The asbestos program manager maintains work site monitoring results for all Class II and III asbestos work not performed by an asbestos abatement subcontractor.

### 5 References

[SLAC Environment, Safety, and Health Manual](SLAC-I-720-0A29Z-001) (SLAC-I-720-0A29Z-001)

- [Chapter 27, “Asbestos”](#)
  - [Asbestos: Class II and Class III Asbestos Work Requirements](SLAC-I-730-0A09S-035) (SLAC-I-730-0A09S-035)
  - [Asbestos: Vehicle Brake Work Requirements](SLAC-I-730-0A09S-005) (SLAC-I-730-0A09S-005)
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- Asbestos: Office Floor Tile Requirements (SLAC-I-730-0A09S-006)
- Asbestos: Posting Requirements (SLAC-I-730-0A09S-012)

- Chapter 29, “Respiratory Protection”
- Chapter 30, “Air Quality”
  - Air Quality: Asbestos Notification Procedure (SLAC-I-730-0A16C-001)

Other SLAC Documents

- ESH Course 150, Asbestos Awareness (ESH Course 150)