



London N. Breed, Mayor  
Philip A. Ginsburg, General Manager

# Compliance Plan – Class III Asbestos Work

ENVIRONMENT, HEALTH AND SAFETY PROGRAM  
501 STANYAN STREET, SAN FRANCISCO, CA 94117-1898 • 415.831.2776 P • 415.831.2098 F

**DIRECTIONS:** Complete this form prior to the disturbing verified or presumed asbestos-containing materials. This completed form and its attachments must be kept on-site at all times during the job. **Class III O&M workers are prohibited from generating more asbestos containing debris and waste than fits inside a single 60" x 60" glove / waste bag.**

## 1. PROJECT INFORMATION

PROJECT TITLE/LOCATION and BRIEF DESCRIPTION	
START DATE	END DATE

## 2. SAMPLING RESULTS

<input type="checkbox"/> ATTACH LAB RESULTS	<input type="checkbox"/> ASSUMED
---	----------------------------------

## 3. AUTHORIZED CREW

Employee Name	Class III O&M Training Date	Respirator Medical Clearance Date	Respirator Fit-Test/Training Date

## 4. COMPETENT PERSON

I certify that I will act as the competent person for this job. I shall conduct frequent and regular inspections of the job site, regulated areas, materials and equipment to ensure that exposure controls, work practices, personal protective equipment, hygiene facilities, etc. are used as prescribed in this document. I will take prompt corrective actions as warranted.

NAME (PRINT)	SIGNATURE	DATE
--------------	-----------	------

## **5. ADDITIONAL INFORMATION**

### **Brief Job Description**

1. The job will involve the following:
  - a. Review of job scope and Asbestos Safe Work Practice (SWP) prior to commencing work.
  - b. Remove furniture and other materials from the immediate work area or cover them with 6 mil plastic.
  - c. Establish a regulated work area and decontamination area with appropriate containment (6 mil plastic).
  - d. Comply with all Personal Protective Equipment (PPE) and decontamination policies.
  - e. Use wet methods and HEPA tools throughout removal/demolition of Asbestos Containing Material (ACM).
  - f. Clean up at the end of every shift using a HEPA vacuum and by wet wiping surfaces.
  - g. Bag, label, and arrange hazardous waste disposal in accordance with Federal and State regulations.

### **Equipment and Materials**

1. In addition to the tools required to conduct the job, workers disturbing ACM must have equipment and supplies to prevent exposure to themselves and the public.

### **Health and Safety Control Measures**

1. A regulated work area will be established using caution tape and Asbestos Danger signs.
2. The regulated work area will be contained using 6 mil plastic where applicable.
3. A decontamination area must be established adjacent to the regulated work area.
4. ACM will be wet down prior to any work which disturbs this material. Wetting will be repeated throughout the operation to reduce the generation of dust.
5. Workers shall wear half face air purifying respirators (with HEPA cartridges), gloves, disposable coveralls, and shoe covers where appropriate and if a negative exposure assessment has not been conducted for similar work in the past year.
6. All gross debris must be cleaned up prior to leaving the jobsite or before the end of the work shift. Final cleaning will be accomplished using a HEPA vacuum and wet wiping surfaces.
7. Workers must employ hygiene practices such as washing hands and wiping down tools when leaving the regulated work area to reduce the possibility of contamination.

### **Technology Considered in Meeting the Permissible Exposure Limit**

1. All specialized tools used to control hazard must be tested for functionality in the shop prior to taking them to a job site. The shop supervisors must ensure that preventive maintenance has been conducted for all tools (including HEPA filter replacement where necessary). The specialized equipment that will be utilized for this project including but not limited to HEPA-filtered vacuum cleaner, wet methods, and HEPA shrouded power tools.

### **Respirators**

1. Individuals in the work area must wear a half-mask, air-purifying respirator equipped with HEPA cartridges or a full-face powered air-purifying respirator. Respirators will be used in compliance with the RPD Personal Protective Equipment SWP. Workers must have a current respiratory qualification exam permitting them to wear a respirator, a valid fit test (conducted within the past year), and a clean-shaven face. Workers are prohibited from removing respirators while in a regulated work area.

### **Protective Clothing**

1. Disposable protective clothing (including shoe covers) must be worn inside the work area (where applicable). Disposable clothing will be HEPA vacuumed before it is removed. Removal of protective clothing must occur in the decontamination area prior to taking breaks or leaving work.
2. Eye protection is required whenever there is the possibility of projectiles or dust exposure to the face.

### **Decontamination**

1. A decontamination area where workers don and doff personal protective equipment, and remove tools, must be established adjacent to the regulated work area.

2. The area must be of sufficient size as to accommodate cleaning of equipment and removing PPE without spreading contamination beyond the area.
3. Disposable work clothing must be cleaned with a HEPA vacuum before it is removed and disposed of as hazardous waste.
4. All equipment and waste bag surfaces must be cleaned (using water, detergent and rags, or wet wipes) prior to removing them from the equipment room or area.
5. The supervisor shall ensure that employees enter and exit the regulated area through the equipment room or area.

### **Hygiene Facilities**

1. A restroom with sink is typically located within the facility and accessible. Workers must wash their hands and face before going on break or leaving for the end of the day. If no restroom is available, alternative means of sanitation will be provided including soap, water, and paper towels.

### **Air Monitoring**

1. Representative personal air monitoring will be conducted during ACM disturbance/removal and during cleanup activities. Contact EHS 24 hours prior to your work in order to pick up air sampling pumps in a timely manner. A completed and signed Compliance Plan must be provided to EHS prior to checking out air monitoring equipment.

### **Medical Surveillance Program**

1. Workers who are expected to impact ACM 30 days out of the year or exceed the Cal/OSHA Permissible Exposure Limit (PEL) are included in the Medical Monitoring Program. Employees assigned to Class III Asbestos work must have a baseline evaluation and be respirator qualified. The program is supervised by a board-certified physician with the Zuckerberg San Francisco General Hospital, Occupational Health Service Clinic, phone: (415) 206-5286.

### **Spills**

1. *A minor fiber release episode* is defined as the falling or dislodging of 3 square or linear feet or less of friable ACM. In the event of a minor spill O&M Workers shall:
  - a. Thoroughly saturate the debris using wet methods.
  - b. Clean the area.
  - c. Place the asbestos debris in a sealed, leak-tight container.
  - d. Repair the area of damaged ACM with asbestos-free spackling, plaster, cement, or insulation, or seal with latex paint or an encapsulant.
2. *A major fiber release episode* is defined as a spill of more than 3 square or linear feet of friable ACM:
  - a. Restrict entry into the area and post signs to prevent entry into the area by persons other than those necessary to perform the response action.
  - b. Shut off the air-handling system to prevent the distribution of fibers to other areas.
  - c. Hire an independent contractor to conduct the cleanup. A visual inspection and TEM clearance air sampling are also required.

### **Hazardous Waste**

1. Asbestos containing debris, HEPA vacuum bags, and respirator filters, will be disposed of as hazardous waste. Plastic sheets used as containment shall be thoroughly vacuumed and wet wiped and then disposed of as regular construction waste. Hazardous waste will be double bagged and labeled. Hazardous waste will remain on site in a secure area until the Department of Public Health Hazardous Waste division is notified and removes the waste. RPD employees will not transport hazardous waste.
2. Workers are required to empty a HEPA vacuum outdoors, with a half face air purifying respirator with HEPA filters and disposable body suit. Waste from the vacuum shall be placed in a 6 mil bag, wetted and labeled as hazardous waste regardless of asbestos content (sample results). HEPA vacuums must be emptied in an area that is isolated from the general public and other workers.