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| To: | All Faculty, Staff, and Students at Cal Maritime |
| From: | Department of Safety & Risk Management |
| Date: | January 27, 2020 |
| RE: | Annual Notice of Asbestos Containing Materials |

COMPLIANCE

The California Health & Safety Code, Section 25915, requires that occupants be notified annually of the existence of Asbestos Containing Materials (ACM) for public buildings constructed prior to 1979.

TYPES OF ASBESTOS CONTAINING MATERIALS (ACM) ON CAMPUS

At Cal Maritime asbestos may be found in the following materials on campus:

- Hot water pipe systems (valves, elbows)
- Drywall surfacing systems (skim coat, joint compound, sheetrock)
- Floor tiles and adhesive
- Window adhesive, putty
- Roofing material
- Structural steel beams coated in fire
- Ceiling systems (tiles grout)

Per CCR Title 8 1529(k)(1), presumed Asbestos Containing Materials (PACM) include Thermal Systems Insulation (TSI) or surfacing materials (sprayed or troweled on) in buildings are presumed to contain asbestos unless proven by bulk sampling and lab testing to be non-asbestos containing. Asphalt and vinyl flooring installed prior to January 1, 1981 must also be considered to contain asbestos unless proven by bulk sampling and lab testing to be non-asbestos containing.

POTENTIAL HEALTH EFFECTS OF EXPOSURE TO ASBESTOS

Asbestos Containing Materials (ACM) do not pose a potential health threat unless *friable* asbestos fibers become airborne due to damage. The term "friable" means that the asbestos is easily crumbled by hand pressure, potentially releasing fibers into the air. **Intact, sealed and undisturbed materials are not a hazard.** For example: ceiling tiles, floor tiles/mastic, undamaged laboratory cabinet tops, roofing, fire doors, exterior stucco, etc. will not readily release asbestos fibers unless they are disturbed or damaged in some way.

The primary route of entry for asbestos fibers is inhalation or ingestion. Significant and long-term exposure to asbestos from activities that directly disturb ACM (such as asbestos mining) can lead to a variety of respiratory diseases including asbestosis, lung cancer, mesothelioma, as well as kidney, laryngeal, pharyngeal, and buccal cavity cancers.

RISK REDUCTION

There is a low risk exposure related diseases to University employees because of the asbestos management program and precautions that are followed when asbestos containing material (ACM) is disturbed. To further reduce risk all employees should follow these basic guidelines:

- Avoid disturbing ACM on walls, ceilings, pipes, boilers, etc.
- Do not drill holes, hang plants or other objects from walls or ceilings made of ACM.
- Do not break, drill or remove floor tiles.
- Do not disturb ACM when performing maintenance activities.
- Do not try to clean up debris suspected of containing ACM. Only trained individuals are authorized to work with ACM.
- If ACM has been damaged, report it to Facilities Services at 707-654-1120.



SPECIFIC LOCATIONS OF ASBESTOS CONTAINING MATERIAL (ACM) IDENTIFIED ON CAMPUS:

The University continues to survey locations for the presence of ACM, and known locations are inspected to ensure the integrity of the material. The table below is updated as materials are sampled and confirmed to contain asbestos. Employees may review updated data, by request, from Safety & Risk Management.

THERE WERE NO FRIABLE ASBESTOS CONTAINING MATERIALS OBSERVED IN THE FOLLOWING BUILDINGS:

(Per the 1998 ACC Environmental Consultants Report)

- Rizza Auditorium
- Faculty Building
- Student Services Building
- Mayo Hall
- Library
- Lower Residence Hall
- Plant Operations
- Seamanship Building
- Student Center
- Welding Laboratory

ASBESTOS WAS DETECTED IN THE NON- FRIABLE MATERIALS OBSERVED IN THE FOLLOWING BUILDINGS:

| Main Campus Building | Location | Material |
|----------------------|---------------------|--|
| Administration | Throughout building | 12 x 12 brown marbled floor tile and adhesive 9 x 9 brown floor tile and adhesive Window Glazing Compound |
| Rizza Auditorium | Throughout building | 12 x 12 light brown floor tile and adhesive |
| Faculty Building | Throughout building | 12 x 12 white with black pattern floor tile and adhesive 12 x 12 grey with black fissured floor tile and adhesive |
| Mayo Hall | Throughout building | Roofing tar and felt, Drywall and joint |
| Plant Operations | Throughout building | 4" brown baseboard adhesive 12 x 12 red grout pattern floor tile and adhesive |
| Lower Resident Hall | Units A, B, C | 4" brown baseboard adhesive 3" brown baseboard adhesive 12 x12 beige/brown specks floor tile and adhesive |
| Student Center | Throughout building | Painted Transite Panels |

ASBESTOS WAS DETECTED IN THE JACKETED FRIABLE MATERIAL

- Administration Pipe Insulation
- Engineering Building- Pipe Insulation

CONTACTS

- Regulations and safety - Safety & Risk Management office, 707-654-1076
- Facilities Maintenance Services office, 707-654-1120