

4. During brake replacement and maintenance when engineering controls are not feasible or work practices are not effective in limiting exposures an air purifying respirator, either single use or with replaceable particulate filter(s), as approved by NIOSH, shall be worn during all procedures starting with the removal of the wheel and including reassembly. During manual clutch servicing, such a respirator shall be worn during the removal and cleaning of the clutch, pressure plate and housing assembly and during installation of the new clutch assembly. If needed a respirator program shall be established in accordance with the requirements of the American National Standards Practices for Respiratory Protection, ANSI Z88.2 - 1969.
5. All table and floor cleaning in areas where brakes and clutches are repaired shall be done with the high efficiency industrial vacuum cleaner as described in (2) above. Grinding and riveting machines shall also be cleaned with such a vacuum cleaner and the remaining dust wiped with a water dampened cloth. An approved respirator shall be used during this cleaning.
6. Industrial vacuum cleaner bags containing asbestos dust and cloths used for wiping brake and clutch assemblies shall be disposed of in sealed impermeable bags or other containers and labeled with the following warning label printed in letters of sufficient size and contrast to be readily visible and legible:

**CAUTION**

Contains Asbestos Fibers

Avoid Breathing Dust

Breathing Asbestos Dust May Cause Serious Bodily Harm

An approved respirator shall be worn during removal of vacuum bags.

7. Consumption of food and beverages shall not be permitted in work areas. The area designed or designated for food consumption shall be separate from work area so as to provide minimal protection against asbestos dust contamination.
8. If the employee is exposed to airborne concentrations of asbestos fibers which exceed the ceiling level the OSHA requirement regarding special clothing, change rooms, lockers, etc. (29 CFR 1910.1001(d)) shall be followed.

The current OSHA asbestos standard is as follows: The 9 hour time-weighted average (TWA) airborne concentrations of asbestos fibers to which any employee may be exposed shall not exceed 2 fibers, longer than 5 micrometers per cubic centimeter of air (fibers > 5  $\mu\text{m}/\text{cc}$ ).