

- (d) Lifelines shall be secured above the point of operation to an anchorage or structural member capable of supporting a minimum dead weight of 5,000 lb (2268 kg).
- (e) Each employee is to be properly trained on the proper use, maintenance and inspection of personal fall arrest systems.
- (f) Lanyards shall be attached to lifeline or suitable anchorage such that an employee cannot free fall more than 6 ft (1.8 m), exceed calculated forces, nor contact any lower level.
- (g) See Section 4 on Fall Protection.

3.7 Hand Protection (Gloves)

- (a) Gloves shall be worn when potential hazards exist that could cause injuries to the hands, (i.e.: cuts; abrasions; burns; hazardous chemical exposure; etc.).
- (b) Gloves SHALL NOT be worn when working near moving machinery.

3.8 Respiratory Protection

In general, industry work environments do not pose a health risk from breathing contaminated air. However, respiratory protection may occasionally be required by job site conditions or building owner requirements. Contact your supervisor for more information if needed.

To control those occupational diseases caused by breathing air contaminated with harmful dusts, fogs, fumes, mists, gases, smokes, sprays, or vapors, the primary objective shall be to eliminate the atmospheric contamination. This shall be accomplished as far as feasible by accepted engineering control measures (for example, enclosure or confinement of the operation, general and local ventilation, and substitution of less toxic materials). When effective engineering controls are not feasible, appropriate respirators shall be used or completely avoid area depending on company policy.

If approved by the company, NIOSH approved dust respirators (non-sealing) can be used without the following requirements as long as the employee has no known medical condition which would put them at risk (i.e., heart condition, respiratory difficulties, etc.) and the mask is discarded when contaminated.

- (a) Only physically qualified employees will be trained and authorized to use respirators. A pre-authorization and annual certification by a physician will be required and maintained.
- (b) Any changes in an employees' health or physical characteristics which may affect their ability to wear a respirator (i.e., 20% weight gain or loss, heart condition, respiratory problems, etc.) shall be reported to their supervisor and will be evaluated by a physician.
- (c) Only authorized and trained employees shall use respirators. Those employees may use only the respirator that they have been trained on and properly fitted to use. The training is required initially and shall reoccur annually. This training shall include:
 - (1) How to select the proper type of respirator and/or cartridge.
 - (2) How to inspect and maintain the respirator.
 - (3) How and when to use the respirator.
 - (4) Limitations and capabilities of the respirator.
- (d) Before an employee is required to use any respirator, the employee shall be clean shaven where the respirator meets the face, fit tested with the same make, model, style, and size of respirator that will be used on the job. The fit testing is required initially and shall reoccur annually.