

## Section 4

### FALL PROTECTION

#### General Requirements

Fall protection is required when a worker is exposed to a fall hazard (working more than 6 ft (1.8 m) above a lower level and an opening more than 12 in. (305 mm)).

There are three ways of controlling fall hazards. Elimination of the fall hazard should be the first consideration. The second consideration is a guard rail system, and the third is a personal fall arrest system.

#### 4.1 Personal Fall-Arrest System

Figure 4a

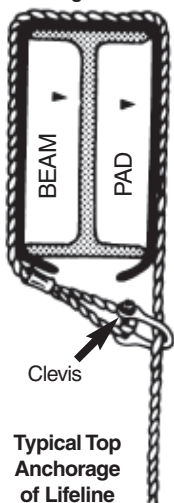


Figure 4b (next page) shows the attachment of the body harness and shock-absorbing lanyard to the lifeline while working in the hoistway/wellway, and an example of typical top anchorage of the lifeline is shown in Figure 4a.

- (a) Only company-approved lifelines, shock-absorbing lanyards and body harnesses shall be used.
- (b) All fall protection components shall be compatible.
- (c) Lifelines shall be protected against being cut or abraded. Only synthetic or wire rope shall be used for lifelines.
- (d) Lifelines shall be installed before working in the hoistway/wellway and shall run the full length of the hoist way/wellway and be so arranged to