

17—Building Construction and Maintenance

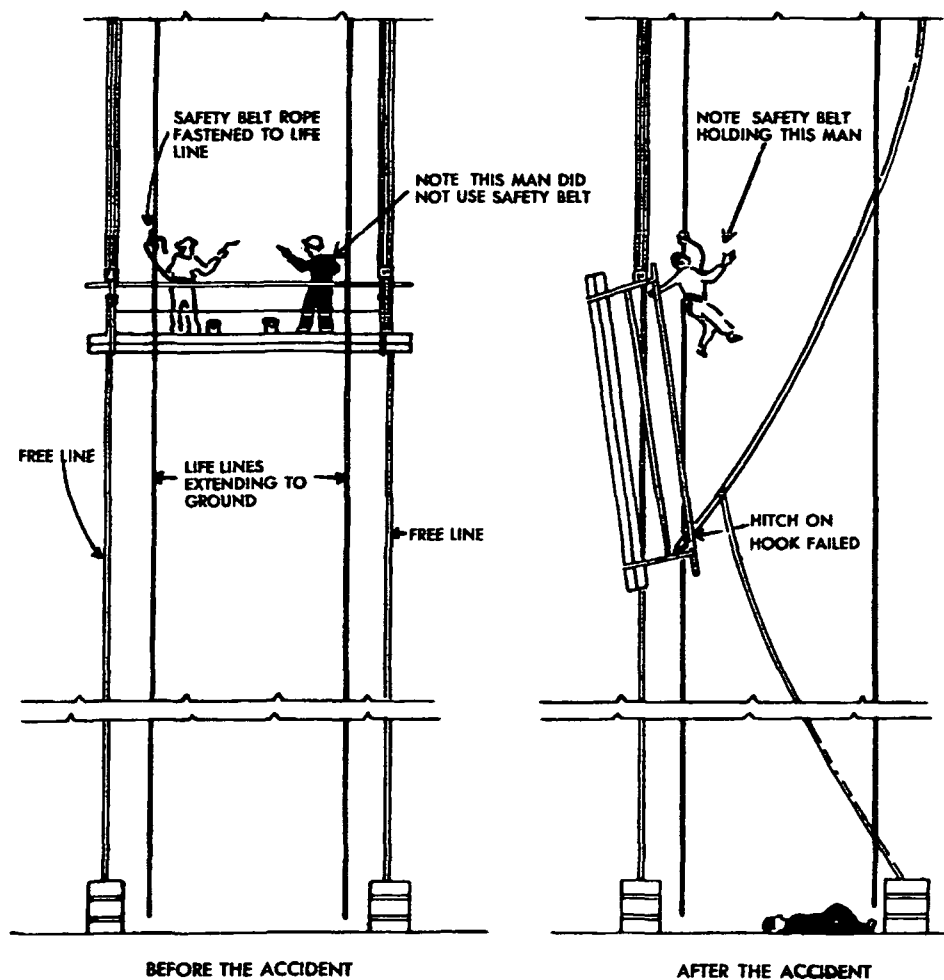


FIG 17-14 —Swing stage scaffold failure Each man on a swinging scaffold should wear a safety belt tied off to a separate lifeline Drawing at right shows accident to man who was not wearing safety belt

Wooden scaffolds

Built up and suspended scaffolds may be made of wooden structural members, but, as previously suggested, steel tubing should be the first choice

For details on construction and design of wooden scaffolds, refer to American National Standard *Safety Requirements for Scaffolding*, A10.8

Working platforms

The working platform of all built up, sus-

pended, and rolling scaffolds (except those manufactured with a platform provided) should be solidly planked

The platforms should be provided with guard rails and toeboards, and overhead protection, when needed (See the discussions earlier in this chapter)

Working platform planking should be 2 x 10's with one-foot overlaps on bearer. Loads that planks can carry depend on the size of the planks, the type of wood from which they are made, and the span between supports