

Section 4 - Rigging Hardware

Objectives

The fittings used for rigging applications are just as important as the fiber or wire rope used. It is essential that the hardware selected for the job be appropriate in both application and strength. This section covers the following rigging hardware:

- Hooks and safety latches
- Shackles
- Eye bolts
- Lifting rings
- Turnbuckles
- Beam and lifting clamps
- Trolleys

When you have completed this section you should be able to do the following when using this hardware:

- Identify and describe selected examples of each of the above.
- Inspect for proper working condition of the rigging before use.
(Rigging hardware should be inspected on a periodic basis according to site procedures and appropriate government regulations.)
- Explain uses and applications for each.
- Use manufacturers' information to identify safe working loads.

Hooks

Types of Hooks

A wide variety of hooks and safety latches are available for use in rigging operations. This section covers the following types which are commonly used in rigging applications:

- Eye
- Clevis
- Swivel
- Sorting
- Choker
- Web sling
- Safety latches