

Section 9 - Rigging Planning

Objectives

When you have completed this section you should be able to

- List the key parts of a rigging plan for a lift or move, and describe the kinds of activities that should be carried out at each step.
- Write a task definition.
- Explain why it is important to review compliance issues when planning a lift or move.
- List the kinds of topics that should be included in a hazards review when planning a typical lift or move, and give examples of questions to ask for each.

Rigging Planning

Careful planning is essential for safe and efficient completion of any maintenance operation that involves a lift or move. The basic elements of a rigging plan are

1. Defining the task
 - Describe the load.
 - Identify the location from and to which the load will be moved.
 - Identify when the lift or move is to be performed.
2. Designing the lift or move.
 - Determine the load weight, center of gravity, and distribution.
 - Define the route to be traveled.
 - Determine how the load will be attached, and select the proper size and type of hardware.
 - Select the proper moving equipment.
3. Communicating
 - Define timing issues.
 - Obtain required approvals, and notify appropriate individuals.
 - Hold a meeting to review the plan and procedures before beginning the work.
4. Preparing
 - Schedule the necessary equipment and personnel.
 - Assign tasks.
 - Inspect all rigging and hardware.
 - Set contingency plans.
5. Reviewing compliance issues
6. Defining and safeguarding hazards