General Safe Practices

Objective: To understand the basic principles of crane rigging safety.

The safety of a rigging project depends on the proper preparation of the necessary components at each stage of the lift.

Hitches and Slings:

Each type of sling has different abilities, characteristics, restrictions for use, inspection and testing criteria, and conditions for repair or removal from service.

Familiarize yourself with the characteristics of the sling you are using, and follow the manufacturer's recommendations.

Inspections:

- Make sure that all components are appropriately inspected per the manufacturer's recommendations.
- Prior to each use, a competent person must thoroughly inspect rigging equipment for damage or defects. Additional inspections may be necessary depending on the type of sling in use and conditions of the task.
- Remove damaged or defective equipment from service immediately.

General rigging safety:

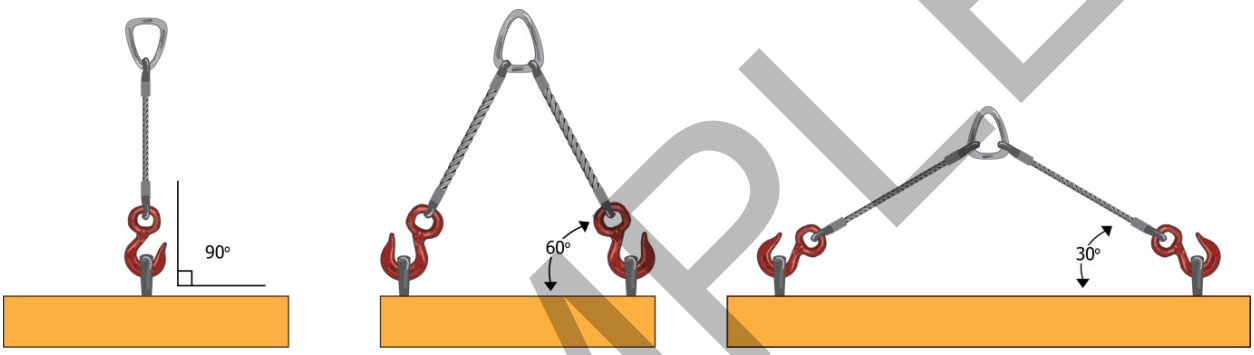
- Pre-plan your routes.
- Never load equipment in excess of its safe working load.
- Do not use any equipment without proper identification markings. Identification markings are required on all rigging equipment.
- Rig loads at their center of gravity.

SAMPLE

General Safe Practices

Rated Capacity:

- Sling attachments should have a rated capacity equal to or greater than that of the sling. If they do not, then do not use the sling past the rated capacity of the weakest component in use.
- A sling's load capacity is affected by the type of hitch being used, environmental conditions, and other factors. Prior to the lift, calculate the **reduced** or **actual load** on each sling leg.



Restrictions:

- Never use slings with kinked legs or slings that have been shortened with knots, bolts, or other makeshift devices.
- Never rest a load on a sling. If a load is found resting on a sling, do not pull the sling out from under the load.
- Never ride on a sling or load, unless conventional means would be more hazardous and the load is specifically designed and tested for carrying personnel.
- Never shock load by allowing a sudden change in the load's center of gravity (e.g., letting the load free fall).

SAMPLE

General Safe Practices

This form documents that the training specified above was presented to the listed participants. By signing below, each participant acknowledges receiving this training.

Organization:_____Date: _____

Trainer:_____ Trainer's Signature: _____

Class Participants:

Name:_____ Signature:_____

Name:_____ Signature:_____

Name:_____ Signature:_____

Name:_____ Signature:_____

Name:_____ Signature:_____

Name:_____ Signature:_____

Name:_____ Signature:_____

Name:_____ Signature:_____

Name:_____ Signature:_____

Name:_____ Signature:_____

Name:_____ Signature:_____

Name:_____ Signature:_____

Name:_____ Signature:_____

Name:_____ Signature:_____

Name:_____ Signature:_____

Name:_____ Signature:_____

SAMPLE