

## **PURPOSE**

The purpose of this program is to ensure a safe and incident free lifting operation.

## **SCOPE**

When work is performed on a non-owned or operated site, the operator's program shall take precedence, however, this document covers Advanced Excavating Specialists and Five Rivers Construction employees and contractors and shall be used on owned premises, or when an operator's program doesn't exist or is less stringent.

## **KEY RESPONSIBILITIES**

Management shall select a training facility or use an in-house qualified trainer to supply and document the training.

Supervisors shall assist the managers in the tasks described above. The supervisor shall verify that each of their employees has the proper training before being involved in rigging operations.

Only qualified and trained personnel can attach or detach lifting equipment to loads or lifting loads.

## **PROCEDURE**

### **General**

Only "qualified riggers" are allowed to attach any loads to a lifting hook and only "qualified operators" are allowed to operate a crane while engaged in lifting operations.

### **Material Handling**

- Rigging equipment is inspected before use. Rigging equipment for material handling shall be inspected prior to use on each shift and as necessary during its use to ensure that it is safe.
- Defective rigging equipment shall be removed from service.
- The rated capacity of rigging equipment shall not be exceeded. Rigging equipment must have permanently affixed and legible identification markings as prescribed by the manufacturer that indicate the recommended safe working load. Rigging must not be loaded in excess of its recommended safe working load as prescribed on the identification markings by the manufacturer; and must not be used without affixed, legible identification markings.
- Rigging equipment not in use shall be removed from the immediate work area so as not to present a hazard to employees.
- Tag lines shall be used unless their use creates an unsafe condition.

### **Rigging**

- Hooks have safety latches. Hooks used in the connection between the hoist line and the personnel platform (including hooks on overhaul ball assemblies, lower load blocks, bridle legs, or other attachment assemblies or components) must be of a type that can be closed and locked, eliminating the throat opening and closed and locked when attached.
- Employees shall stay clear of suspended loads. All employees shall be kept clear of loads about to be lifted and of suspended loads.

### **TRAINING**

Employees shall display their competency in the following topics:

- The selection of proper hardware (eye bolts, shackles, hooks, wire rope products, synthetic slings, chain slings, etc.) for the correct application (weight, hitches, angles, temperatures, center of gravity, etc.).
- The inspection of the selected hardware before, during and after the lift.
- The proper methods of securing the load, attaching the load to the hook, lifting the load, handling of the load during the movement of the load and lowering and placement of load.
- The proper storage of the rigging equipment.
- All employees shall re-certify their training on a four (4) year basis.