Crane/Hoist and Rigging Critical Lift Plan

Lift Begin Date:      \_\_\_\_\_\_\_\_\_ Lift End Date:      \_\_\_\_\_\_\_ Location of Lift:      \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Lift Description:      \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Designated Lift Lead:      \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Signature: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date:      \_\_\_\_\_\_

Authorized Lifters (*designated by Lead, understand Lift Plan requirements and their role in the lift*):

Name:      \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Signature: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date:      \_\_\_\_\_\_

Name:      \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Signature: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date:      \_\_\_\_\_\_

Name:      \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Signature: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date:      \_\_\_\_\_\_

## Characterize the load(s)

This plan covers:  Single Load Only

Variety of similar loads (*enter dimensions and weight of largest load covered by the plan*)

Length:      \_\_\_\_\_\_ Width:      \_\_\_\_\_\_ Height:      \_\_\_\_\_\_ Diameter:      \_\_\_\_\_

Load Weight (lbs.):       Weight determination (choose one):

Marked on load  Weighed  Estimated  Other (describe):      \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

If calculated, weight calculated by (initials):      \_\_\_\_\_\_\_\_\_\_ *Attach calculations.*

## Characterize the Task

***(Include directions for lifting, rotation, flipping, speeds, and travel.)***

1. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
2. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
3. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
4. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
5. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

## Plan the Rigging

*Define specific controls. On a sketch or photo (next page), show how the items will be rigged and the type of gear to be used:*

* *Show locations of shackles, hoists rings, spreader beams, slings, etc.*
* *Show attachment points (how rigging gear will be attached to the load).*
* *Show where padding of sharp edges are necessary.*
* *Provide the weight of heavy equipment such as lifter or spreader beam.*
* *Show proper orientation of eyebolts.*
* *Indicate the center of gravity (horizontal and vertical).*

**Sketch of load handling method:** *(Include all information required to determine that the load is properly rigged, and that appropriate rigging gear is selected. Include, as applicable, sling angles, eye bolt orientation, padding points, center of gravity, type of sling hitch, and any other pertinent information.)*

*Note: Annotate sling tensions on rigging components*.

**Characterize the attachment points:**

Manufacturer-provided lift point

Sling in choker hitch

Sling in basket hitch

Sling in vertical hitch

Threaded hole (eyebolt or hoist ring)

Other (describe):      \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_