

# Lifting Application Worksheet

Please fill in as much information as possible in order to aid in selecting the proper lifting equipment

Distributor: \_\_\_\_\_

Date: \_\_\_\_\_

Contact Name: \_\_\_\_\_

Telephone: \_\_\_\_\_

Fax: \_\_\_\_\_

## Description of the load being lifted

What is the load: \_\_\_\_\_  
\_\_\_\_\_

Size of the load:

Weight: \_\_\_\_\_

Width: \_\_\_\_\_

Height: \_\_\_\_\_

Length: \_\_\_\_\_

Diameter: \_\_\_\_\_

Other Notes: \_\_\_\_\_  
\_\_\_\_\_

## Lifting Conditions

Overhead Height Clearance: \_\_\_\_\_

(From top of load)

Operating Temperature:

Room  Other \_\_\_\_\_ °F

Other Notes: \_\_\_\_\_  
\_\_\_\_\_

If exposed to chemicals:

Chemical: \_\_\_\_\_

Conc: \_\_\_\_\_%

Temperature:  Room  Other \_\_\_\_\_ °F

Attach drawing of load and intended rigging configuration with dimensions.

## Lifting Operation

Lift and Transport  Pull / Drag Load Only

Lift and Turn  Lift Load Only

Other Notes: \_\_\_\_\_  
\_\_\_\_\_

## Lifting equipment being used (excluding slings)

Check the following equipment that performs the lift:

A single hook/hoist/crane. Hook sizes used: \_\_\_\_\_

Two hooks/hoists/cranes. Hook sizes used: \_\_\_\_\_

Fork-lift. Width/thickness of the forks: \_\_\_\_\_

Distance between the inside edges of the forks:

\_\_\_\_\_ in.

Is a lifting beam to be used?  Yes  No

If Yes: Beam Span: \_\_\_\_\_ ft. \_\_\_\_\_ in.

Is it adjustable?  Yes  No

Is a new beam needed?  Yes  No

Other Notes: \_\_\_\_\_  
\_\_\_\_\_

## Rigging Configuration

Number of pick-up points: \_\_\_\_\_

Connection point information:

Ring/Eye/Shackle

Size: \_\_\_\_\_ ID: \_\_\_\_\_" OD: \_\_\_\_\_" THK: \_\_\_\_\_"

Wrapped around the load

Trunnion/Pin Diameter: \_\_\_\_\_"

Is center of gravity an equal distance from all pick-up

points?  Yes  No

Sling/legs attached to the load in a:

Vertical Hitch  Choker Hitch

Basket Hitch  Other \_\_\_\_\_

Double Wrap Basket Hitch

Double Wrap Choker Hitch

Other Notes: \_\_\_\_\_  
\_\_\_\_\_