

**Ordinary Lift** – Any lift not designated as a personnel lift, special lift, and critical lift or as a pre-engineered production lift.

**Personnel Lift** – This involves the lifting of personnel with a crane or forklift on a personnel lift platform. Personnel lifts are prohibited on site unless the Industrial Safety Department determines that it is less safe or not possible to access the work area using conventional methods.

### **Critical Lift Determination**

1. A designated person shall classify each lift into one of the FBP lift categories (ordinary, personnel, special, critical, or pre-engineered production) prior to planning the lift.
2. A lift shall be classified critical if any of the following conditions are met:
  - A. If loss of control of the item being lifted would likely result in the declaration of an emergency as defined by the facility's emergency plan or construction site emergency plan.
  - B. The load item is unique and, if damaged, would be irreplaceable or not repairable and is vital to a system, facility or project operation.
  - C. The cost to replace or repair the load item, or the delay in operations of having the load item damaged would have a negative impact on facility, organizational, or DOE budgets to the extent that it would affect program commitments.
  - D. If mishandling or dropping of the load would cause any of the above noted consequences to nearby installations or facilities.
  - E. If the load being lifted is 80% or more of a mobile crane's load chart rating in the set-up configuration.
  - F. If two or more mobile cranes are used to make a lift, other than a tail crane.
  - G. For steel erection, a lift shall be designated as a critical lift if:
    1. The lift exceeds 75 percent of the rated capacity of the crane or derrick.

### **OR**

2. The lift requires the use of more than one crane or derrick (refer to 29 CFR 1926.751).

### **Pre-Engineered Production Lift Determination**

1. A designated person shall classify each lift into one of the FBP lift categories (ordinary, personnel, special, critical, or pre-engineered production) prior to planning the lift
2. A pre-engineered production lift is defined as a repetitive lift that is performed by production line personnel in the assembly or disassembly of components or systems where detailed lift planning, equipment selection, and lift-specific training may substitute for the qualifications prescribed in Section 5 of this standard. In order for a lift to be designated a pre-engineered production lift, the following criteria shall apply:
  - A. The group of items to be lifted is identical in terms of dimensions, weight, center of gravity, load path, method of attachment to the lifting equipment, and selection of lifting equipment.
  - B. All items can be lifted in adherence to a specific step-by-step procedure that eliminates rigging decisions or calculations by lift personnel. The lifting procedure shall address details of the specific operation including the attachment and detachment of all lifting equipment fixtures and accessories.



# LIFT CLASSIFICATION WORKSHEET

Work Package: \_\_\_\_\_

## Special Lift

1. A designated person shall classify each lift into one of the FBP lift categories (ordinary, personnel, special, critical, or pre-engineered production) prior to planning the lift.
2. A special lift is an ordinary lift that has the following conditions at the lift site and requires a lift plan to be developed (29 CFR 1926.1432).
  - A mobile crane is working near power lines or transmission towers
  - A forklift is working near power lines or transmission towers
  - Mobile crane pick and carry operations
  - Two or more cranes (other than a mobile crane) will be used to make one lift.

### NOTE

Forklifts performing routine forklift material handling activities within their rated lift capacity are not covered under the H&R program.

### LIFT CLASSIFICATION

- Personnel Lift** - Contact Safety Department for direction
- Special Lift**
- Ordinary Lift**
- Pre-Engineered Production Lift**
- Critical Lift**

Completed by: \_\_\_\_\_

Print Name

Signature

Date