

EQUIPMENT INSPECTION

CHECKLIST

1) LIFTING EQUIPMENT

- General condition, cleanliness, lubrication, free of damage
- Clear markings for weight capacity and test loads
- Protective roofing
- Controls in good condition
- Safe access (steps or platforms) to control cabin
- End-stops in good condition
- Hoist break in good working condition
- All controls in good working order
- Controls easy to operate in appropriate clothing and equipment
- Cables in good condition
- Hoist chains and cables not entangled
- Hooks neither bent nor damaged
- Cutting or catch area shielded when in operation
- Current inspection certification

2) CONVEYORS

- Gears, shafts and pulleys shielded at catch areas
- Nets to catch falling items
- Emergency interrupt devices well located and in good working order

3) MECHANICAL TRANSMISSIONS

- General condition and maintenance
- Rotating parts shielded
- Chains, straps and side rails shielded
- Emergency stop devices in good working condition
- Speed maintained within prescribed parameters

4) HYDRAULIC SYSTEMS

- Pressure maintained within acceptable parameters
- Pressurized lines and couplings (leaks and cracks)
- Pressurized lines identified
- Extra protection for very-high pressure (if > 2000 psi)

5) PNEUMATIC SYSTEMS

- Pressure maintained within acceptable parameters
- Clamping rings on hoses
- Flushing out and check of compressors
- General conditions of hoses and couplings
- Air hoses identified

6) **POWER SOURCE**

- Control panels identified and accessible
- General condition of cables, insulation and appliances
- Ground checked
- Presence of explosion-proof devices in flammable environments
- Flexible wires without joints