

# Racking Structures Inspection Checklist



Location Information	
Coordinates of Inspected Racking and Description	
BASE PLATES AND ANCHORING	
All base plates are secured by anchors as required	
Anchor bolts are in good condition	
BEAM CONNECTORS	
Frames and beams are compatible in accordance with manufacturer's or engineer's specifications	
BEAMS	
Beam deflections are within the permissible tolerances of the manufacturer or engineer	
Beams show no signs of permanent deflection when unloaded	
Beams show no signs of deformations, cracks in the welds, or other signs of damage	
Beams show no signs of corrosion damage	
Beam positions conform with the specifications of the manufacturer or an engineer	
BRACERS HORIZONTAL AND DIAGONAL	
Horizontal and diagonal bracing is present and has no damage from impact (no dents, cracks, bulges, etc.)	
Bracing has no signs of corrosion damage	
COLUMNS, FRAMES	
Columns and frames have no damage from impact (no dents, cracks, bulges, etc.)	
Column and frames show no signs of corrosion damage	
GENERAL	
Clearances between loads, racks and other building structures are within the allowable distances	
Work areas around the storage racks, such as aisles and hallways, are clear of debris and other obstacles	

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Proper storage practices are being followed (as per local fire codes for hazardous substances, permissible quantities, incompatibilities, etc.)	
<b>LOAD CAPACITY LABELS</b>	
Loads are placed, stacked, or stored in a stable and secure manner (e.g. shrink-wrapped, banded) using safe loading practices	
Loads are placed in accordance with the manufacturer's or engineer's instructions	
Rated capacity of the storage rack is posted nearby and easily visible to workers	
Products or loads on the storage rack are within the rated capacity of the storage rack	
<b>LOCAL REPAIRS</b>	
Repairs and replacements were made according to the manufacturer's or engineer's recommendation.	
Other associated components of the rack (e.g., accessories) are in good condition	
Rack is plumb with no signs of deflection or lean	
<b>PALLETS</b>	
Pallets are in good condition	
Pallets are the appropriate type for the rack and loads	
Pallets are the correct size for the rack	
Pallets are not overloaded	
<b>PROTECTIVE DEVICES</b>	
Column guards and row end protectors are in good condition.	
<b>SAFETY BARS</b>	
Safety devices (e.g., pallet safety bars, wire mesh decks) are in good condition	
<b>SAFETY PINS</b>	
Safety pins (locks, safety clips) are in place as per manufacturer's or engineer's specifications	
<b>SHIMS</b>	

