

Manual Chain Hoist Positioning - JSA - A

en-US · Basic task controls · v1.0 · 2026-10-12 · Sources: article section 9

Site: | Item ID: | Work area:

Approval	Work supervisor	Technical reviewer	Release / handover authority

1. Job details and team signatures

Date / time		Location / area		Assessor		Supervisor	
Team signatures							

2. Conditions and hold points

Stage	Time	Location / area	Environment / readings	Item / condition	Controls	Plant / tools	Approval / signature
HP-0 Start							
HP-1 Check support							
HP-2 Connect and trial lift							
HP-3 Land and release							
HP-4 Remove and store							

Complete after actual checks. Recheck after changes, defects or shift handover.

3. JSA risk assessment

Job stage	Hazards and effects	Failure factors	Technical and procedural controls	Site verification	P	S	R	A
1. Plan load path	1. Hoist overload 2. Load overturning 3. Overhead support failure	1. Mass or CG unknown 2. Final support omitted 3. Hoist rating checked alone	1. Establish mass and CG 2. Plan final stable supports 3. Check every load-path part	1. Load and lift-point record 2. Final support basis 3. Full load-path review				
2. Inspect hoist	1. Chain rupture 2. Brake slip 3. Hook disengagement	1. Twisted or worn chain 2. Brake defect ignored 3. Hook or latch damaged	1. Check chain through travel 2. Inspect hook and brake 3. Reject defective equipment	1. Chain inspection record 2. Hook and latch condition 3. Rating and model identity				
3. Connect and trial lift	1. Hook-tip disengagement 2. Load swing 3. Rigging separation	1. Hook not seated 2. Load line offset 3. Chain used as sling	1. Use approved lifting gear 2. Seat hooks correctly 3. Establish vertical load line	1. Hook bowl loading 2. Sling and lifting points 3. Balance and brake response				
4. Adjust vertically	1. Hand or foot crush 2. Sudden sideways movement 3. Support overload	1. Hands under supports 2. Forced hole alignment 3. Hand effort increases	1. Move in small planned steps 2. Keep body out of pinch gaps 3. Maintain permitted load line	1. Alignment method 2. Load line and clearance 3. Stable load behavior				
5. Land and release	1. Support overturning 2. Residual-tension release 3. Load sliding	1. Weak temporary support 2. One support not touching 3. Unhooking before restraint	1. Verify designed contact 2. Secure against movement 3. Transfer load gradually	1. Support capacity and contact 2. Restraint completion 3. Load transfer evidence				
6. Remove and store	1. Overhead part fall 2. Unexpected residual load 3. Defective hoist reuse	1. Unloaded state assumed 2. Connection released early 3. Defect tag omitted	1. Confirm no remaining load 2. Remove by safe access method 3. Quarantine damaged equipment	1. Final equipment stability 2. Hoist load fully removed 3. Defect and repair status				

P/S/R/A: Complete only after actual site assessment using the site risk method.

4. Pre-work checklist

☐ Load and lift-point record	☐ Chain inspection record	☐ Hook bowl loading
☐ Alignment method	☐ Support capacity and contact	☐ Final equipment stability
☐ Full load-path review	☐ Stable load behavior	☐ Defect and repair status