

Manual Chain Hoist Positioning - JSA - B

en-US · Technical failure review · 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. Check support	1. Dropped load strike 2. Clamp detachment 3. Side-force damage	1. People below load 2. Wrong clamp orientation 3. Pipe used as support	1. Control the fall zone 2. Install specified connection 3. Match permitted load direction	1. Capacity and orientation 2. Connection installation 3. Exclusion maintained				
2. Inspect hoist	1. Brake slip 2. Hook disengagement 3. Sudden chain release	1. Brake defect ignored 2. Hook or latch damaged 3. Chain rejoined improperly	1. Inspect hook and brake 2. Reject defective equipment 3. Use model-specific criteria	1. Hook and latch condition 2. Rating and model identity 3. Brake function check				
3. Connect and trial lift	1. Load swing 2. Rigging separation 3. Snag-induced overload	1. Load line offset 2. Chain used as sling 3. Load still attached	1. Seat hooks correctly 2. Establish vertical load line 3. Trial lift and check balance	1. Sling and lifting points 2. Balance and brake response 3. Load clear of obstructions				
4. Adjust vertically	1. Sudden sideways movement 2. Support overload 3. Loss of load control	1. Forced hole alignment 2. Hand effort increases 3. Signals not understood	1. Keep body out of pinch gaps 2. Maintain permitted load line 3. Stop on abnormal resistance	1. Load line and clearance 2. Stable load behavior 3. Stop signals working				
5. Land and release	1. Residual-tension release 2. Load sliding 3. Crushed fingers	1. One support not touching 2. Unhooking before restraint 3. Sudden tension removal	1. Secure against movement 2. Transfer load gradually 3. Disconnect only when unloaded	1. Restraint completion 2. Load transfer evidence 3. Residual tension removed				
6. Hold on fault	1. Upper connection failure 2. Chain runaway 3. Recovery injury	1. Loaded chain untangled 2. Repair under load 3. No safe recovery plan	1. Do not force the hand chain 2. Plan independent safe support 3. Use authorized recovery method	1. Danger zone boundary 2. Recovery plan and authority 3. Post-repair inspection				

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

4. Pre-work checklist

☐ Capacity and orientation	☐ Hook and latch condition	☐ Sling and lifting points
☐ Load line and clearance	☐ Restraint completion	☐ Danger zone boundary
☐ Exclusion maintained	☐ Stop signals working	☐ Post-repair inspection