

Overhead-crane load transfer - JSA - B

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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 Inspect crane and rigging							
HP-2 Rig and clear zone							
HP-3 Verify initial lift							
HP-4 Land and unrig							

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. Inspect crane and rigging	1. Wrong crane moves 2. Brake fault 3. Limit device failure	1. Controller confused 2. Checks omitted 3. Limit used to stop routinely	1. Match controller/directions 2. Complete required checks 3. Check safety devices by procedure	1. Hook and sling condition 2. Controller/brake checks 3. Current examination and checks				
2. Rig and clear zone	1. Finger crush 2. Edge cuts sling 3. Person struck	1. Hands in tension zone 2. Edge unprotected 3. Area open	1. Center hook vertically 2. Protect edges 3. Exclude load path	1. Hook/load centre 2. Edge protection 3. Signaler and exclusion				
3. Verify initial lift	1. Sling moves 2. Brake allows descent 3. Load catches support	1. Hands correct balance 2. Brake test omitted 3. Attachment still secured	1. Check secure low lift 2. Test brakes as required 3. Lower if balance fails	1. Brake response 2. Support separation 3. Interference check				
4. Travel and traverse	1. Structure impact 2. Person crushed 3. Lost control	1. Clearance changes 2. People in path 3. View/signals lost	1. Watch whole route 2. Keep load clear of people 3. Stop for lost view/signals	1. Route access 2. Adjacent crane position 3. Communication status				
5. Land and unrig	1. Hand crush 2. Rigging snaps free 3. Load moves after contact	1. Hands below load 2. Tension remains 3. Sling trapped underneath	1. Keep hands clear 2. Confirm slack rigging 3. Remove only free rigging	1. Support contact 2. Sling tension 3. Safe unrigging path				
6. Hold fault or signal loss	1. Suspended load abandoned 2. Unsafe recovery 3. Unexpected restart	1. Landing unplanned 2. Worker grabs load 3. Fault cause unknown	1. Plan safe landing/recovery 2. Maintain operator control 3. Resolve cause before restart	1. Exclusion and controls 2. Recovery plan 3. Corrected checks				

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

4. Pre-work checklist

☐ Hook and sling condition	☐ Hook/load centre	☐ Brake response
☐ Route access	☐ Support contact	☐ Exclusion and controls
☐ Current examination and checks	☐ Communication status	☐ Corrected checks