

Construction Material Hoist Loading and Unloading - 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 Inspect landings							
HP-2 Close and travel							
HP-3 Clear and return							
HP-4 Shift handover							

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. Verify hoist use	1. Wrong configuration use 2. Overload failure 3. Untrained operation	1. Use plate unreadable 2. Inspection evidence absent 3. Operator not designated	1. Identify approved use 2. Confirm inspection status 3. Assign trained operator	1. Hoist ID and use 2. Rating and load limits 3. Inspection documentation				
2. Load and restrain	1. Cart rolls from car 2. Uneven-load instability 3. Falling loose material	1. Tare weight omitted 2. Concentrated load ignored 3. Load projects beyond car	1. Include cart and container mass 2. Follow distribution limits 3. Contain loose materials	1. Total weight and dimensions 2. Distribution and wheel loads 3. Restraint and clearances				
3. Close and travel	1. Gate-area crushing 2. Shifted-load strike 3. Unauthorized riding	1. Person remains exposed 2. Travel signal unclear 3. Rider enters materials car	1. Clear personnel and obstructions 2. Confirm agreed travel signal 3. Enforce materials-only operation	1. No riders in normal use 2. Car and landing clear 3. Gates secured				
4. Land and unload	1. Fall through landing gap 2. Cart or load runaway 3. Crush at floor interface	1. Door opened before stop 2. Landing not level enough 3. Receiver absent	1. Confirm complete stop 2. Check transfer interface 3. Obtain receiving signal	1. Correct floor and stop 2. Gap and level within limits 3. Receiver acknowledgement				
5. Clear and return	1. Loose item falls 2. Gate obstruction 3. Unauthorized entry	1. Restraint left loose 2. Debris at gate 3. Access control abandoned	1. Secure remaining accessories 2. Clear gate and car 3. Maintain access restrictions	1. Car and gate clear 2. Loose items restrained 3. People outside car				
6. Shift handover	1. Defective hoist reuse 2. Lost load restrictions 3. Missed landing fault	1. Verbal-only defect report 2. Logs not transferred 3. Receiver changes unbriefed	1. Transfer operating log 2. Identify outstanding holds 3. Brief landing personnel	1. Inspection and fault history 2. Open actions and owner 3. Incoming operator acceptance				

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

4. Pre-work checklist

☐ Hoist ID and use	☐ Total weight and dimensions	☐ No riders in normal use
☐ Correct floor and stop	☐ Car and gate clear	☐ Inspection and fault history
☐ Inspection documentation	☐ Receiver acknowledgement	☐ Incoming operator acceptance