

Large Pump Package Positioning - JSA - B

en-US · Technical failure review · v1.0 · 2026-10-13 · 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 Confirm package and route							
HP-2 Inspect rigging and base							
HP-3 Restrain and release							
HP-4 Transfer installation							

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. Prepare unloading area	1. Vehicle movement 2. Pedestrian strike 3. Overhead collision	1. Vehicle not secured 2. Exclusion incomplete 3. Clearance overlooked	1. Secure unloading vehicle 2. Separate lift and people 3. Check overhead envelope	1. Vehicle and load access 2. Exclusion and signals 3. Clearances and weather				
2. Inspect rigging and base	1. Sling overload 2. Nozzle damage 3. Unstable landing	1. Angle capacity unchecked 2. Sling touches accessories 3. Support locations unready	1. Verify rigging geometry 2. Protect vulnerable parts 3. Prepare specified supports	1. Capacity and condition 2. Sling clearance 3. Pad and support readiness				
3. Trial lift and transport	1. Suspended-load strike 2. Package collision 3. Loss of load control	1. People enter travel path 2. Changed clearance ignored 3. Signals conflict	1. Maintain exclusion zone 2. Stop for route changes 3. Use designated signaler	1. Load path and clearance 2. Controlled guiding position 3. Stop signal understood				
4. Land and align position	1. Baseplate distortion 2. Package shift 3. Foundation damage	1. Support uneven 2. Load released too early 3. Improvised adjustment	1. Check bearing locations 2. Retain support as required 3. Follow positioning method	1. Shim and bearing condition 2. Hands outside crush zone 3. Foundation condition				
5. Restrain and release	1. Anchor damage 2. Jack collapse exposure 3. Premature sling removal	1. Anchor design unclear 2. Hydraulics sole support 3. Release owner absent	1. Verify fastening method 2. Use accepted mechanical support 3. Authorize lifting release	1. Anchor and support record 2. Stable released condition 3. Named release authority				
6. Hold and reposition	1. Uncontrolled movement 2. Nozzle overload 3. Unsupported disassembly	1. Support changed informally 2. Piping used to pull pump 3. Rework lift not reviewed	1. Reestablish safe support 2. Reject forced pipe alignment 3. Review revised lift plan	1. Current package configuration 2. Support and lifting basis 3. Rework acceptance				

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

4. Pre-work checklist

☐ Vehicle and load access	☐ Capacity and condition	☐ Load path and clearance
☐ Shim and bearing condition	☐ Anchor and support record	☐ Current package configuration
☐ Clearances and weather	☐ Foundation condition	☐ Rework acceptance