

Large Pump Package Positioning - JSA - C

en-US · Supervision, records, handover · 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. Package definition	1. Wrong total lifting load 2. Component-eye failure 3. Unbalanced assembly	1. Supplied driver changed 2. Package points unknown 3. Accessories omitted	1. Confirm delivered configuration 2. Obtain package lift method 3. Review actual mass and balance	1. Assembly drawing and ID 2. Approved lifting points 3. Mass and center-of-gravity basis				
2. Movement planning	1. Crane instability 2. Route overload 3. Package collision	1. Setup radius unreviewed 2. Support reaction omitted 3. Transport envelope unclear	1. Review actual lift setup 2. Accept structural route 3. Coordinate travel clearances	1. Crane configuration 2. Ground and floor evidence 3. Movement and exclusion plan				
3. Equipment protection	1. Nozzle bending 2. Coupling damage 3. Rigging rupture	1. Sling route improvised 2. Sensitive parts unprotected 3. Configuration rating absent	1. Review rigging contact path 2. Protect package interfaces 3. Verify capacity and condition	1. Sling geometry and points 2. Accessory clearances 3. Rigging inspection				
4. Landing acceptance	1. Unstable base release 2. Anchor failure 3. Crush-zone exposure	1. Touchdown accepted alone 2. Temporary restraint deferred 3. Hydraulic jack relied upon	1. Gate release on stable support 2. Confirm required restraints 3. Define mechanical support	1. Bearing and shim record 2. Anchor and fastening status 3. Release authorization				
5. Repositioning control	1. Repeated damage 2. Changed lifting balance 3. Forced nozzle connection	1. Impact not investigated 2. Parts removed without review 3. Pipe bolts used as puller	1. Resolve damage before rework 2. Recheck current configuration 3. Hold forced piping fit	1. Damage assessment 2. Revised lift and support 3. Piping restriction record				
6. Installation handover	1. Premature operation 2. Alignment loss 3. Unassigned open defects	1. Placement called complete 2. Grout cure untracked 3. Next trade not briefed	1. Limit acceptance to positioning 2. Assign later acceptance stages 3. Transfer retained holds	1. As-landed measurements 2. Alignment grout piping status 3. Receiving owner and limits				

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

4. Pre-work checklist

☐ Assembly drawing and ID	☐ Crane configuration	☐ Sling geometry and points
☐ Bearing and shim record	☐ Damage assessment	☐ As-landed measurements
☐ Mass and center-of-gravity basis	☐ Release authorization	☐ Receiving owner and limits