

Large Pump Package Positioning - JSA - A

en-US · Basic task controls · 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. Confirm package and route | 1. Package drop<br>2. Unbalanced rotation<br>3. Route collapse            | 1. Component mass used<br>2. Accessories changed<br>3. Support loads unknown                  | 1. Confirm complete assembly<br>2. Review actual center of gravity<br>3. Accept route and reactions         | 1. Package ID and components<br>2. Mass and balance basis<br>3. Route and support evidence      |   |   |   |   |
| 2. Inspect rigging and base  | 1. Lifting-point failure<br>2. Sling overload<br>3. Nozzle damage         | 1. Driver eye used for package<br>2. Angle capacity unchecked<br>3. Sling touches accessories | 1. Use package lifting points<br>2. Verify rigging geometry<br>3. Protect vulnerable parts                  | 1. Points and rigging IDs<br>2. Capacity and condition<br>3. Sling clearance                    |   |   |   |   |
| 3. Trial lift and transport  | 1. Load rotation<br>2. Suspended-load strike<br>3. Package collision      | 1. Balance not checked<br>2. People enter travel path<br>3. Changed clearance ignored         | 1. Check balance at trial lift<br>2. Maintain exclusion zone<br>3. Stop for route changes                   | 1. Trial lift response<br>2. Load path and clearance<br>3. Controlled guiding position          |   |   |   |   |
| 4. Land and align position   | 1. Hand crush<br>2. Baseplate distortion<br>3. Package shift              | 1. Hands under base<br>2. Support uneven<br>3. Load released too early                        | 1. Use suitable alignment tools<br>2. Check bearing locations<br>3. Retain support as required              | 1. Base location and level<br>2. Shim and bearing condition<br>3. Hands outside crush zone      |   |   |   |   |
| 5. Restrain and release      | 1. Package overturn<br>2. Anchor damage<br>3. Jack collapse exposure      | 1. Partial fastening accepted<br>2. Anchor design unclear<br>3. Hydraulics sole support       | 1. Complete required restraint<br>2. Verify fastening method<br>3. Use accepted mechanical support          | 1. Required restraint completed<br>2. Anchor and support record<br>3. Stable released condition |   |   |   |   |
| 6. Transfer installation     | 1. Premature startup<br>2. Residual misalignment<br>3. Pipe-strain damage | 1. Placement equals completion<br>2. Grout and alignment omitted<br>3. Flange load unreviewed | 1. Define next installation stage<br>2. Transfer alignment and grout holds<br>3. Record piping restrictions | 1. As-landed condition<br>2. Remaining installation steps<br>3. Defects and retained holds      |   |   |   |   |

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

4. Pre-work checklist

|                                                     |                                                       |                                                     |
|-----------------------------------------------------|-------------------------------------------------------|-----------------------------------------------------|
| <input type="checkbox"/> Package ID and components  | <input type="checkbox"/> Points and rigging IDs       | <input type="checkbox"/> Trial lift response        |
| <input type="checkbox"/> Base location and level    | <input type="checkbox"/> Required restraint completed | <input type="checkbox"/> As-landed condition        |
| <input type="checkbox"/> Route and support evidence | <input type="checkbox"/> Hands outside crush zone     | <input type="checkbox"/> Defects and retained holds |