

Steel Deck Bundle Lifting and Placement - JSA - B

en-US · Technical failure review · 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 Receive and stage							
HP-2 Lift and land							
HP-3 Complete attachments							
HP-4 Inspect and transfer							

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. Receive and stage	1. Local frame overload 2. Band-release strike 3. Lift-equipment instability	1. Bundle location improvised 2. Unbanding unsupported 3. Ground reactions unknown	1. Land at reviewed positions 2. Plan safe unbanding 3. Verify lift-equipment support	1. Location and support basis 2. Unbanding sequence 3. Equipment configuration				
2. Inspect materials	1. Rigging failure 2. Damaged sheet buckling 3. Fall through opening	1. Packaging used to lift 2. Wrong or bent deck 3. Opening protection missing	1. Use designed lifting means 2. Inspect deck identity 3. Verify continuous protection	1. Rigging and lifting method 2. Bearing and orientation 3. Opening and edge protection				
3. Lift and land	1. Wind-driven rotation 2. Collision with frame 3. Crushed landing worker	1. Weather changes ignored 2. Route obstructed 3. Receiver in pinch zone	1. Stay within weather limits 2. Clear travel and fall zones 3. Land with people clear	1. Weather observation 2. Clear route and area below 3. Unified signals				
4. Spread and secure	1. Leading-edge fall 2. Pinched or cut hand 3. Insufficient-bearing failure	1. Protection lags work 2. Hands align closing edges 3. Wrong direction or overlap	1. Secure upon placement 2. Use suitable alignment tools 3. Check full support and overlap	1. Fall protection continuity 2. Hands clear of edges 3. Bearing and overlap record				
5. Complete attachments	1. Fastening-tool injury 2. Falling cut piece 3. New unprotected hole	1. Unstable work position 2. Scrap not restrained 3. Opening cut too early	1. Work from protected position 2. Control and recover cut pieces 3. Immediately protect openings	1. Connection quality check 2. Scrap accounted for 3. Opening cover and marking				
6. Hold on wind or defect	1. Damaged deck collapse 2. Fall during rework 3. People below struck	1. Defect zone unmarked 2. Support removed for repair 3. Exclusion ended early	1. Close affected access 2. Review repair sequence 3. Maintain protection below	1. Defect and zone record 2. Retained support during repair 3. Restart conditions				

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

4. Pre-work checklist

☐ Location and support basis	☐ Rigging and lifting method	☐ Weather observation
☐ Fall protection continuity	☐ Connection quality check	☐ Defect and zone record
☐ Equipment configuration	☐ Bearing and overlap record	☐ Restart conditions