

Metal bandsaw blade replacement - JSA - A

en-SG · Basic task controls · v1.0 · 2026-10-14 · 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 Stop isolate support							
HP-2 Install new blade							
HP-3 Restore and test							
HP-4 Hold tracking fault							

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. Identify saw and blade	1. Wrong blade fails 2. Sharp tooth cut 3. Unplanned motion	1. Length only checked 2. Coil uncontrolled 3. Auto command active	1. Match full blade specification 2. Plan coil handling 3. Identify all energy sources	1. Saw ID and edition 2. Length width thickness teeth 3. Replacement identity				
2. Stop isolate support	1. Bow crush 2. Unexpected rotation 3. Stored pressure	1. Power retained 2. Bow unsupported 3. Pressure trapped	1. Isolate and verify power 2. Secure bow per manual 3. Control other stored energy	1. Isolation record 2. Bow restraint 3. Stored energy				
3. Open and release tension	1. Blade springs 2. Hand cut 3. Guard falls	1. Tension released suddenly 2. Hands on teeth 3. Cover unsupported	1. Follow release sequence 2. Use handling protection 3. Secure covers	1. Tension release 2. Hand and eye protection 3. Cover support				
4. Install new blade	1. Wrong direction 2. Blade derails 3. Finger pinch	1. Blade inverted 2. Guide seating wrong 3. Hands trapped	1. Confirm tooth direction 2. Seat in wheels and guides 3. Use safe handling	1. Direction and seating 2. Guide arrangement 3. Tension basis				
5. Restore and test	1. Blade contact 2. Band ejection 3. Unexpected feed	1. Cover left open 2. Tools retained 3. People nearby	1. Restore all guards 2. Account for tools 3. Clear controlled test area	1. Guard restoration 2. Tools and personnel 3. Stop function				
6. Hold tracking fault	1. Moving-blade cut 2. Repeat failure 3. Bow drop	1. Hand adjustment 2. Cause ignored 3. Support disturbed	1. Stop and re-isolate 2. Inspect guide and blade 3. Recheck bow support	1. Scraping location 2. Blade and guide damage 3. Isolation and support				

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

4. Pre-work checklist

☐ Saw ID and edition	☐ Isolation record	☐ Tension release
☐ Direction and seating	☐ Guard restoration	☐ Scraping location
☐ Replacement identity	☐ Tension basis	☐ Isolation and support