

Metal bandsaw blade replacement - JSA - C

en-SG · Supervision, records, handover · 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. Replacement scope	1. Wrong blade fails 2. Unexpected feed 3. Wrong method used	1. Length only checked 2. Auto source omitted 3. Manual edition mismatched	1. Match complete blade data 2. Identify all commands 3. Verify actual saw instructions	1. Saw serial and version 2. Blade dimensions and teeth 3. Maintenance responsibility				
2. Access release	1. Falling bow 2. Unexpected rotation 3. Pressure release	1. Power off trusted alone 2. Support improvised 3. Residual energy missed	1. Verify electrical isolation 2. Secure bow by actual method 3. Control stored energy	1. Isolation and verification 2. Bow restraint evidence 3. Residual-energy state				
3. Band handling	1. Springing band 2. Tooth laceration 3. Loose sharp waste	1. Loop uncontrolled 2. Poor handling protection 3. Disposal route absent	1. Plan controlled loop handling 2. Protect hands and eyes 3. Contain removed band	1. Handling space and method 2. Band and tooth condition 3. Sharp-scrap disposition				
4. Installation acceptance	1. Band derailment 2. Blade fracture 3. Guide damage	1. Direction reversed 2. Tension guessed 3. Seating incomplete	1. Confirm tooth direction 2. Apply specified tension 3. Check wheels and guides	1. Blade and wheel seating 2. Guide arrangement 3. Tension method and result				
5. Guarded test release	1. Moving-band contact 2. Unexpected feed 3. Defect repeated	1. Guard left open 2. Tools retained 3. Scraping ignored	1. Restore all guarding 2. Account for tools and people 3. Stop and isolate faults	1. Guard and stop checks 2. Test boundary and authority 3. Noise and correction record				
6. Cutting handover	1. Poor cut released 2. Damaged blade reused 3. Unknown setup	1. Idle test alone accepted 2. Fault record missing 3. Settings not transferred	1. Complete specified cut test 2. Record blade condition 3. Transfer limits and defects	1. Controlled cut acceptance 2. Final blade and settings 3. Receiving operator and holds				

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

4. Pre-work checklist

☐ Saw serial and version	☐ Isolation and verification	☐ Handling space and method
☐ Blade and wheel seating	☐ Guard and stop checks	☐ Controlled cut acceptance
☐ Maintenance responsibility	☐ Tension method and result	☐ Receiving operator and holds