

Portable Circular Saw Wood Crosscutting - JSA - A

en-US · 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 Disconnect and inspect							
HP-2 Secure support and depth							
HP-3 Hold binding or defects							
HP-4 Clean and hand over							

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. Review wood and scope	1. Foreign-object impact 2. Blade fracture 3. Unexpected kickback	1. Nails not checked 2. Blade unsuitable 3. Defective stock retained	1. Inspect identified clean wood 2. Match blade and saw 3. Review defects and size	1. Stock ID and dimensions 2. Foreign objects and defects 3. Blade application basis				
2. Disconnect and inspect	1. Unexpected blade rotation 2. Blade-contact cuts 3. Guard exposure	1. Settings changed powered 2. Blade damaged 3. Lower guard sticks	1. Disconnect energy source 2. Check blade and rotation 3. Verify free guard return	1. Power removed and full stop 2. Blade and fastening condition 3. Guard and switch function				
3. Secure support and depth	1. Kerf pinch 2. Stock movement 3. Support cut-through	1. Support allows sag 2. Clamps inadequate 3. Underside not checked	1. Secure wood independently 2. Plan both-piece support 3. Clear underside blade path	1. Clamps and support geometry 2. Kerf and offcut movement 3. Depth and setting locks				
4. Make straight crosscut	1. Blade contact 2. Kickback 3. Flying splinters	1. One-hand cutting 2. Saw twisted in kerf 3. Forced feed	1. Maintain two-hand control 2. Keep straight permitted feed 3. Let suitable blade cut steadily	1. Kerf and feed resistance 2. Hands outside blade path 3. Stock and support stability				
5. Finish and stop	1. Coasting-blade cuts 2. Dropped offcut 3. Uncovered-blade contact	1. Saw laid down running 2. Piece caught by hand 3. Guard return ignored	1. Maintain planned support 2. Keep hands clear of offcut 3. Wait for full blade stop	1. Stable retained and cut pieces 2. Blade fully stopped 3. Lower guard returned				
6. Clean and hand over	1. Blade cuts 2. Dust resuspension 3. Damaged-tool reuse	1. Cleanup while powered 2. Dust blown indiscriminately 3. Tool stored unmarked	1. Isolate before cleaning 2. Use controlled dust removal 3. Separate defective equipment	1. Tool and power storage 2. Dust and blade condition 3. Maintenance restrictions				

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

4. Pre-work checklist

☐ Stock ID and dimensions	☐ Power removed and full stop	☐ Clamps and support geometry
☐ Kerf and feed resistance	☐ Stable retained and cut pieces	☐ Tool and power storage
☐ Blade application basis	☐ Stock and support stability	☐ Maintenance restrictions