

DECD Standards for Plant - Part B - Circular (Bench) Saw (Jan. 2013)

NOTE: For further details on all aspects regarding the purchase, installation, commissioning, safe use, decommissioning and disposal of this item of plant refer to: <http://www.decd.sa.gov.au/docs/documents/1/GuidelinesfortheSafeUse-3.pdf>

A Safety Operating Procedure (SOP) must be available to the operator(s) in an easy to read size and position.

HAZARD ALERT: Please refer to the following document: <http://www.decd.sa.gov.au/docs/documents/1/HazardAlertCircularSawBen.pdf>

Ensure adequate lighting of 400 lx or better must be available at all times.

Local Exhaust Ventilation (LEV) dust extraction must be fitted.

Circular saw benches must be fitted with a suitable riving knife of the correct thickness for the saw blade and adjusted to the appropriate height.

A risk assessment must be carried out covering all foreseeable uses and operations at this machine. The risk assessment should also consider the operator's skills and competency.

A 'Push Stick' must be provided in ready access to the operator.



Two 'Emergency Stop Devices (with signage) must be fitted to this machine. One for the operator (Knee-bump recommended) and one for the 'tail-out' operator. In this instance a lanyard device may be appropriate.



Photo courtesy of Woodfast Machinery Co. (Aust.) Pty. Ltd.

Circular saw benches must be fitted with a suitable crown guard, adjusted only in a vertical position, to suit the operations being carried out. No operations are to be performed without the guard in place.

This machine must be 'Hard Wired' through a lockable (in the 'off' position only) Isolation Switch.



A Direct On Line (DOL) Motor Starter must be fitted to this machine.



A 'Safe Work Area' (SWA) must be defined by 50mm wide yellow or yellow/black non slip tape (or similar material) according to specifications in <http://www.decd.sa.gov.au/docs/>

The machine must be secured to the floor.

An electronically interlocked Transmission Guard must be in place with a 5mm operational activation movement; or the guard must only be accessible with the use of a tool.

Motor run-down time < 10 seconds (if new machine purchased).



Government of South Australia
Department for Education and Child Development

Circular (Bench) Saw			
Specific Controls and checks	Y, N, N/A	Specific location/site	Identified hazard/fault/comments
Is hood guard fitted, set correctly and secured?			
Is push stick present, in good condition and painted a different colour?			
Is riving knife fitted and secured, adjusted correctly?			
Is emergency stop button operational and signed?			
Are operational controls functional?			
Is dust extraction system operational, and saw dust removed from work area?			
Is transmission guard fitted and secure? (interlocked or accessible by tool only)			
Are electrical leads in good condition?			
Other:			

Inspected by:	
Date:	
Owner/Operator:	