

## DECD Standards for Plant - Part B - Metal Lathe (Dec. 2012)

**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>

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

Ensure adequate lighting of 400lx (minimum) is available at all times. If a risk assessment determines the lighting falls below the required luminescence provide low voltage, independently operated, supplementary lighting.

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

An electronically interlocked chuck guard must be in place with a 5mm operational activation movement.

A rear screen must be of an adequate height to prevent access to all moving parts and materi-

A lead screw guard must be fitted.

A 'Knee-Bump' Emergency Stop device, with signage, must be fitted to this machine.



Photo courtesy  
Warco.co.uk

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



The machine must be secured to the floor.

All belts, gears and pulleys must be fully enclosed via electronically interlocked devices or fixed shut to be accessible

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



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/documents/1/GuidelinesfortheSafeUse-3.pdf>

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.



Government of South Australia  
Department for Education and  
Child Development

Metal Lathe			
Specific Controls and checks	Y, N, N/A	Specific location/site	Identified hazard/fault/comments
Is transmission guarded and secure?			
Is emergency stop functional and accessible?			
Is interlock guard operational and covers chuck (if fitted)?			
Is foot brake operational?			
Other:			

Inspected by:	
Date:	
Owner/Operator:	