

COMPETENCY ASSESSMENT: Thicknesser

Prerequisites: All personnel undertaking this assessment must have previously completed the following;

- Read Thicknesser Risk Assessment, **Task ID. 35686** and associated Standard Operating Procedure, **SP-045**,
- Complete local Workshop Induction.

Competency: Utilize a Thicknesser to machine timber within a workshop in accordance with occupational health and safety standards.

Operations: This assessment should take place in any EAIT Faculty Workshop equipped with a Thicknesser. The assessor is required to assess all aspects of the competency regarding the following operations;

1. *Pre-operational checks,*
2. *Operation\Startup of equipment and machining of material,*
3. *Housekeeping.*

Instructions: Each intended user of the equipment is required to complete an individual competency assessment, detailed in Section 1 below. Each element is to be assessed and the results recorded below. The actions used and evidence gained to assess competency (listed in Appendix A) are recorded against each criteria. Users are then required to answer the questions in Section 2 and then sign and date this document.

Notes:

Evidence of competency allows the user access to the equipment only for the tasks assessed. Proof of competency does not permit the assessment of untrained personnel's competency using this equipment. Only authorised persons are permitted to assess the competence of others in this process. Competent users will be required to be re-assessed on any related changes to the operating procedures of this equipment.

1. Operational Assessment

Element of competency	Performance criteria	Operation /Scenario	Self-assessment		Assessor review		Action/evidence (Refer to Appendix A)
			Competent	Not yet competent	Competent	Not yet competent	
Pre Operational Checks	Locate power lead and ensure that the equipment is not tagged out of service or that the electrical safety test tag is not out of date.	1					
	The individual must be able to correctly identify, describe and set/adjust: <i>Ensure that the equipment is switched off during this inspection.</i>	1					
	Feed rollers:	1					
	Cutter head:	1					
	Adjustable table rollers:	1					
	Feed rate shift lever:	1					
	Table lock handles:	1					
	Depth of cut adjustment:	1					
	Condition of power cable:	1					
Start and stop controls:	1						

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Element of competency	Performance criteria	Operation /Scenario	Self-assessment		Assessor review		Action/evidence (Refer to Appendix A)
			Competent	Not yet competent	Competent	Not yet competent	
Operation of Thicknesser	Select piece of suitable timber and demonstrate the following process:	2					
	Measure the thickness of the material and adjust the depth of cut to remove 2mm from each face of the timber.	2					
	Ensure the dust extractor is on.	2					
	Ensure correct PPE is worn.	2					
	Correct starting of the thicknesser:	2					
	Feed the material through:	2					
	Check the thickness of the timber and adjust the depth as required:	2					
	Repeat the process until the material is the correct size:	2					
Shut down Machine	Follows correct shut down and clean up.	3					

2. Review Questions

Answer the following questions in the spaces provided. If you have any questions please ask the assessor. You may refer to the Risk Assessment, Standard Operating Procedure (SOP) or your notes if required. Once complete, insert your name and details in the space provided and return the completed form to the assessor.

2.1 How many feed speeds does the thicknesser have?

2.2 From the feed in end which order are the rollers assembled?

Chipbreaker, Outfeed Roller, Anti-Kickback Fingers, Infeed Roller, Cutterhead.

1)

2)

3)

4)

5)

2.3 Timber less than 300 mm in length must not be planed on this machine? True or false?

2.4 Name three potential hazards associated with using the Thicknesser?

1)

2)

3)

Authorisation					
Employee\Student name	Employee\Student signature	Date	Unit	Assessor name	Assessor signature

Appendix A

Possibilities for Action items		Possibilities for evidence	
A	Watch video	1	Direct observation of performance during work
B	Review procedures	2	Direct observation of performance during simulation
C	Attend central training	3	Return demonstration during training
D	Observe other staff	4	Completed end product, form or document
E	On the job training	5	Verbal assessment
F	Be mentored by person with these skills	6	Written assessment
G	Role play with other staff	7	>1 year Post-training trade experience
H	Online course	8	Other – Provide details
I	Technical trade training		
J	Other – Provide details		