



UNC
ENVIRONMENT,
HEALTH & SAFETY

Job Safety Analysis

Safety Information for The University of North Carolina at Chapel Hill

Jointer



Title	Work Task	Hazards	Controls
<p>Preparing for the Job</p>	<p>1. Obtain personal protective equipment before the job</p>	<p>None</p>	<p>Personal protective equipment (PPE) consisting of:</p> <ul style="list-style-type: none"> • Safety glasses with side shields, • Steel toed shoes • Ear plugs for hearing protection. <p>Do Not wear jewelry, gloves or loose clothing that could get caught in the equipment during operation.</p> <p>Long and loose hair must be pulled back.</p>
<p>Equipment Pre-Check</p>	<ol style="list-style-type: none"> 1. Perform an operation check prior to using the equipment in accordance with the operator's manual 2. Check knives for proper clearance and depth of cut. Ensure they are balanced. 3. Make sure the fence is anchored in the proper position 4. Make sure the equipment is properly lubricated 5. Ensure all parts or accessories are in proper working condition 6. Adjust the cylindrical cutter head so that the knife projects no more than 1/8 inch beyond the cylindrical body of the head 7. Adjust the cutter head so that the clearance between the path of the knife 	<p>Amputation Injury due to entanglement with the blade Pinch/cut hazard Minor cuts Wood dust allergy Electrical shock Hearing loss</p>	<p>Inspect the blade</p> <p>Know the location of the on/off switch</p> <p>The guard must automatically adjust to cover the unused portion of the head</p>

	projection and the rear table is no more than 1/8inch		
Work Task		Hazards	Controls
Equipment Operation	<ol style="list-style-type: none"> 1. Don PPE 2. Flip the on/off switch to On to turn the saw on and listen for a smooth startup as the cutter reaches full operating speed 3. Carefully align the workpiece with the jointer fence and table and slide the workpiece toward the cutter 4. Do not make cuts deeper than 1/16 of an inch in one pass 5. Do not join stock of pieces less than 12 inches long, 3/4 inches wide and less than 1/4 inch thick 6. Do not surface stock less than 12 inches long, 3/4 inches wide and less than 1/4 inch thick 7. Do not leave the jointer until the cutter head has come to a complete stop 8. Return the depth of the cut to 1/4 inch when finished 9. Use a stick to pick up or move wood next the blade. Never let your hands pass over the cutter head when feeding wood 10. Clean up wood dust prior to leaving the work area 	<p>Flying objects from wood pieces</p> <p>Stock caught by the blade may be thrown back at the operator.</p> <p>Cut, abrasion, amputation</p> <p>Cut, abrasion, amputation</p> <p>Wood dust allergy</p>	<p>On/off switch</p> <p>Maintain sharpened blades</p> <p>Operator attentive to the equipment being used</p> <p>No talking while operating the equipment</p> <p>Using a push stick to ensure the safety of the operator</p> <p>Never leave the equipment in the on position unattended even when the equipment is coasting</p>
Training	Hand and Power Tools Training PPE course Operator's Manual	Competent person	
Created	David Catalano		
Referenced Material	Department of Labor-etoools; Canadian Centre for Occupational Health and Safety; Thompson Rivers University		

Contact Info

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