




RISK ASSESSMENT

DATE: 01.02.2008

ROBLAND 2320 TABLE SAW

Tralee Institute of Technology

ITEM	TASK	WHAT IF?	HAZARD	CONTROL
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<p>1.</p>	<p>Operator powers up main electrical supply switch</p> 	<p>Saw starts up & a third person is within the danger zone</p>	<ul style="list-style-type: none"> • Electrocution • Limb amputation 	<ul style="list-style-type: none"> • Equipment is CE compliant and therefore there is a presumption of compliance with EN 60204-1: 2006 • To start the saw requires a further two (2) positive tasks via the controls  
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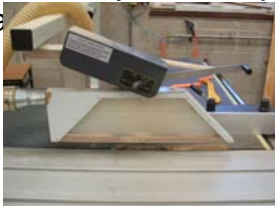

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2	<p>Operator sets the dimension controls for width and angle of cut</p> 	Incorrect settings are made	<ul style="list-style-type: none"> • None 	<ul style="list-style-type: none"> • Off quality product

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3	Operator starts the saw	<p>Exposed persons are within the danger zone</p>  <p>Guard is left in elevated position</p>	<p>Upper limb amputation</p> <p>Amputation</p>	<ul style="list-style-type: none"> The operator has a full view of the danger zone from the controls The blade is generally covered by an adjustable guard Operators are instructed and informed to lower the guard   

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4	Operator pushes work piece through the saw	<ul style="list-style-type: none"> Dust accumulates in the atmosphere or confined in the machinery Operators hands get too close to the moving blade 	<ul style="list-style-type: none"> Wood splinters are ejected Potentially explosive atmospheres exist Finger/hand amputation 	<ul style="list-style-type: none"> The majority of the moving blade is guarded Operators are instructed to wear protective eye wear On powering up the saw, slide valves open and the extraction system removes dust to a safe location Operators are instructed and supplied with 'push sticks'  

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5	Operator changes saw blade	<ul style="list-style-type: none">• Saw is inadvertently started by a third party	<ul style="list-style-type: none">• Amputation	<ul style="list-style-type: none">• A lock out procedure is used on the main power switch