






RISK ASSESSMENT

DATE: 28.01.2008

CASADI R63H3 Planing Machine

Tralee Institute of Technology

ITEM	TASK	WHAT IF?	HAZARD	CONTROL
1.	Operator powers up the sander 	<ul style="list-style-type: none"> Machine starts up unexpectedly 	<ul style="list-style-type: none"> Electrocution Entanglement with moving components 	<ul style="list-style-type: none"> Equipment is CE compliant and meets the requirements of EN 60204-1: 2006  The start command must be given knowingly by the operator from a separate control  The operator has an unrestricted view of the equipment 

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1 Contd.		<ul style="list-style-type: none"> Guard doors are open 	<ul style="list-style-type: none"> Entanglement with moving components 	<ul style="list-style-type: none"> All moving parts are fully enclosed All guards are interlocked and safety interlocks meet the requirements of EN 1080 

2	Operator sets speed and thickness dimension	<ul style="list-style-type: none"> • Incorrect settings are selected 	<ul style="list-style-type: none"> • None 	<ul style="list-style-type: none"> • Off quality product
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3	Operator starts machine and feeds in work piece to entry envelope	<ul style="list-style-type: none">• Dust is emitted	<ul style="list-style-type: none">• Respiratory injuries• Potentially explosive atmospheres	<ul style="list-style-type: none">• Extraction system automatically opens up on powering up the equipment and removes the dust at source, transporting it to a safe location  
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