

Guidelines – Circular Saw



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<p style="text-align: center;">DETAILS OF MACHINE</p> <ul style="list-style-type: none"> • Machine shall be positioned such that there is no obstruction to operator & others. • Always keep the machine switched off when not in use. • Emergency stop control must be provided on the machine & should be easily accessible. • Keep the space around the machine clean & free from any obstructions. • It will be ideal if saw dust extraction system is provided if used inside a building. 	<p style="text-align: center;">GUARDING</p> <ul style="list-style-type: none"> • Ensure that the crown guard is fixed to the machine. • Guard the fly wheel & belt located below the machine. (Where appropriate). • Guard must be of adequate strength & of good construction. • Guard should not create any danger to the operator while using. • Guard must not be bypassed or removed. • Disciplinary procedure in place to deal with any safety violation. 	<p style="text-align: center;">RIVING KNIFE & PUSH STICK</p> <ul style="list-style-type: none"> • Ensure that Riving knife is fitted & is in place while machine is being operated. • Maintain appropriate distance between the circular blade & riving knife as prescribed in the manufacturers operating manual. • Make use of Push stick when there is a danger of hand coming in to contact with the revolving blade (danger zone). • Ensure adequate lighting arrangements have been made.
		
<p style="text-align: center;">TRAINING & AUTHORIZING</p> <ul style="list-style-type: none"> • Display names of the operators authorized to use the machine. • Do not try to stop the rotating blade by hand. • Cutting work should be carried out under the supervision of a trained & experienced person. • All circular saw operators must be trained & competent and authorized to use the machine. 	<p style="text-align: center;">SAFETY NOTICES / PPE</p> <ul style="list-style-type: none"> • Display safety notices in the language easily understood by the operators. • It is the responsibility of the contractor to provide appropriate PPE like face shield, safety goggles & respiratory protection. • Area supervisors will ensure that the operator uses the issued PPE. • Regular monitoring of airborne particles must be carried out & if hardwoods are machined a full assessment must be undertaken. 	<p style="text-align: center;">USE & MAINTENANCE</p> <ul style="list-style-type: none"> • Do not apply excessive pressure on the blades. • Circular saws are for straight edge cutting never try to cut in curves. • Maintain machine in good working condition. • No adjustments shall be made while the machine is in motion. • Ensure that the guard is replaced back immediately after the maintenance work is completed. • Blades with broken teeth should be replaced immediately.