

Task Risk Control Sheet

Use of Rail & Non Rail Disc Cutters

RCS No: NR/L3/MTC/RCS0216 /SP10
issue: 4

Key Risks !

- Fire / Explosion
- Noise
- Manual Handling
- Vibration
- Shattered Discs

Personnel Involved

E&P	✓
S&T	✓
Track	✓
Off Track	✓
Property	✓

Tools / Equipment

Rail Disc Cutter,

Disc Cutter

Duro Ripa Blade

Key Risks	Controls	Implemented By
Pre use Checks	<ul style="list-style-type: none"> • Planned preventative Maintenance regime shall be in place • Check equipment for damage, guards fitted and within inspection date 	Line Manager Staff
Re-fuelling– Fire / Explosion	<ul style="list-style-type: none"> • See Risk Control Sheet NR/L3/MTC/RCS0216/GA17 Decanting Fuel and Fuelling Small Plant for fuelling small plant • One 2kg Dry Powder fire extinguisher shall be available when fuelling Disc Cutters • Check that the correct fuel tank cap is in place 	All Staff / COSS / Team Leader
Noise	<ul style="list-style-type: none"> • Hearing protection shall be worn by any non-operators within 15m of Disc Cutters • Ear protection to EN352 shall be worn when using Disc Cutters • The noise level at the operators ear is 103dB • Switch off the plant when not in use 	Team Leader / All Staff
	<ul style="list-style-type: none"> • Refer to SMF/SE/0311 Small Plant HAVS & Noise Data Sheets for further information 	Team Leader
Abrasive Wheels	<ul style="list-style-type: none"> • See Task Risk Control Sheet NR/L3/MTC/RCS0216/SP01 - Use of Abrasive Wheels and Disc Cutters • Safety goggles to BS EN166 1.B shall be worn at all times during cutting operation • Flame retardant leg protection to EN531 shall be worn at all times during cutting operation 	Team Leader / All Staff
Duro Ripa Blade	<ul style="list-style-type: none"> • Only the 12 inch (300mm) Duro Ripa blade shall be used • The Duro blade shall not be used for felling, pruning trees/ woody vegetation • The Duro blade shall not be used for cutting up /processing fallen/felled trees or woody vegetation/branches. • The Duro blades shall not to be used for cutting metal greater than 3/16 inch (5.0mm) thick • The Duro blades shall not to be used for cutting concrete, stone or masonry • Safety goggles to BS EN166 1.B shall be worn at all times during cutting operation • Gloves and ear protection shall be used at all times • Dust masks shall be worn when cutting wood 	Team Leader / All Staff
Dust	<ul style="list-style-type: none"> • Dust mask to EN149 shall be worn when used for cutting items other than steel 	Staff
Disc Failure	<ul style="list-style-type: none"> • Rail mounted discs cutters (14" and above) shall not be used freehand 	

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Key Risks	Controls	Implemented By
Vibration	<ul style="list-style-type: none"> • Rotate staff to reduce exposure or include rest periods as required • Gloves may help to prevent vibration injury by keeping hands warm and dry. Anti vibration gloves are not a control factor • EAV & ELV times on tool for Dura blade wood and metal:- <ul style="list-style-type: none"> o EAV: 3Hrs 59 minutes o ELV: 15Hrs 58 minutes <p>Refer to SMF/SE/0311 Small Plant HAVS & Noise Data Sheets for further information</p>	Team Leader

PPE Required by NR / Maintenance Policy

				<p>If safety glasses introduce a risk (ie weather conditions) then the Team Leader shall assess the risk. The outcome of the assessment shall be recorded on the SSOWPS pack and safety glasses may be removed.</p> <p>This does not supersede the requirements for eye protection detailed on relevant Task Risk Control Sheets.</p>
Wear Head Protection	Wear Foot Protection	Wear Hi Visibility Clothing	Wear Safety Glasses to BS EN166.F	

Additional PPE Required by Task Risk Control Sheet

						
Wear Hand Protection	Wear Dust Mask	Wear Safety Goggles to BS EN166.B	Wear Hearing Protection o BS EN 352	Wear Flame Retardant Protection		