











<h2 style="text-align: center;">Towing and Setting Up the Lighting Plants</h2>		Document Id:	MAC-351-PRO-006
		Major Process:	Towing a trailer
		Department / Location:	Open Pit
Risk Assessment Reference:	MAC-351-RSK-006	Risk Assessment Score:	LOW - 3
Scope: To prevent incidents during the movement of mobile lighting plants and laser trailers on site.			
Symbols			
Critical Control		This symbol highlights information that if not followed directly could result in death or serious injury, major equipment damage or major environmental degradation	
Caution		This symbol highlights information that needs attention or a warning i.e., suspended load	
Note		This symbol highlights information that is helpful to the user	
Minimum Required Competencies: <ul style="list-style-type: none"> • Site Induction • Open Pit Induction • Pit Permit 		Personnel Required: <ul style="list-style-type: none"> • LV driver • Spotter 	
Equipment Required: <ul style="list-style-type: none"> • LV and trailer 		PPE Required: <ul style="list-style-type: none"> • Minimum site standard including gloves 	
Hazards: <ul style="list-style-type: none"> • Personal injury – pinch points (connecting the trailer to the LV), manual handling (pushing/pulling the trailer), damage to the trailer and/or the vehicle (moving vehicle or trailer) • Unlicensed trailer on a public road • Uncontrolled movement • Falling objects • Manual handling 		Critical Control: <ul style="list-style-type: none"> • Training including pit permit and vehicle licence. • Chocks • Limited speed • Restricted to mine area travel only. • Spotter • Mechanical device for lifting 	
Related Procedures / Forms: <ul style="list-style-type: none"> • Pit Permit • Traffic Procedures and Rules - Surface 			
Safety, Environmental and Community Notes: <ul style="list-style-type: none"> • 			

Task	Instructions (Steps)
<p>1. Coupling the trailer to a light vehicle</p> 	<p>Chock both wheels on the downhill side. Reverse vehicle such that tow ball is directly under hitch, lower stabiliser legs till hitch is engaged. Attach the safety chain. Stow stabilisers legs ready for towing. <i>* Take extra care when coupling & de-coupling the trailer (the tow ball hitch/coupling could either rise or drop quickly when released causing injury).</i></p>
<p>2. Towing a lighting plant trailer</p> 	<p>No towing on a public road unless the LP has a WOF and registration (excluding Golden Point Road when the road is closed to the public)</p> <ul style="list-style-type: none"> • Light vehicles must be in 4WD. • Maximum speed 40km/hr • Drive to conditions. <p>When reversing use the reversing camera, or alternatively a spotter to guide the vehicle.</p> <p>Drive to conditions. Be particularly cautious of sharp pinch points where the mast of the lighting plant may contact the rear of the towing vehicle</p>
<p>3. Setting up a lighting plant</p> 	 <p>Where possible, erect the lighting plant during daylight hours.</p> <ul style="list-style-type: none"> • Check the area prepared before setting up the lighting plant. • Do not shine the light towards public roads or buildings. • Chock both the wheels on the downhill side. • Use the jockey wheel to unhook the trailer from the vehicle. • Lower all the stabilisers and position them correctly - adjust, if necessary, before raising the tower to its full height <p>Undo the safety hooks from the tower.</p> <ul style="list-style-type: none"> • Make sure all personnel are clear of plant when raising tower into position.

<p>Boom Raise / Lower</p> <p>Main Control Button</p>  <p>Scoop Raise / Lower</p> <p>Light Tilt</p>	<p>Hydraulic controlled lighting plant:</p> <ul style="list-style-type: none"> • Hold the black button (safety button) at the same time as you work the toggle levers (these set up and adjust the lighting tower) • During high winds, lower the tower and adjust the lights to suit using the method above. <p>Winch controlled lighting plant:</p> <ul style="list-style-type: none"> • Adjust the tower and tilt to the required position- The auto brake will activate. • When high winds are present, the tilt wire can be uncoupled from the raised position and reattached at the lower point to allow the lights to be tilted without raising the mast.
<p>4. Turning the lighting plant on</p>	<p>Turn the key to pre-heat.</p> <p>Turn the key. Pump the fuel pump if required</p>
<p>5. Relocating a lighting plant during a night shift</p> 	<p>Use a torch or light at rear of vehicle</p>
<p>6. Moving lighting plant to new location</p> 	<ul style="list-style-type: none"> • Use the reversing camera or a spotter to correctly position the vehicle. • Reposition the vehicle, if necessary. • under no circumstances must you lift or move Lighting Plant manually. • Lower tower before attempting to attach LP to vehicle. • Attach the safety hooks. • Lift stabilising arms. • Secure the lighting plant trailer to the vehicle. • Remove the chocks.

Questions:

1. Where must you position a lighting plant?

2. Can the lighting plant shine towards the public road?

☐ Yes

☐ No

3. Do both wheels need to be chocked?

☐ Yes

☐ No

4. Maximum speed while towing a lighting plant is

☐ 20km/hr

☐ 40km/hr

☐ 60km/hr

5. When can you drive a lighting plant on a public road?

Acknowledgement

I have read and understood this SWI			
Name (Print)	Signature	Company	Date