

# Cavanagh Cranes & Transport

Specialising in Heavy Lifts and Transport

ABN: 54 116 639 635

Phone: 0404 215 293

## Safe Work Method Statement – Part 2

<b><u>Job Sequence</u></b> (Outline each to do the job)	<b><u>Hazard Identification</u></b> (what can affect safety) <b><u>Assess The Risk</u></b> (what could Happen)	<b><u>RISK</u></b>	<b><u>Controls that will be used</u></b> (Safe Work Procedures)	<b><u>Who</u></b> (Who will ensure this is done)
Drive to and access work area	Vehicle to vehicle / mobile plant collision  Vehicle / Mobile plant to person collision  Vehicle rollover	M  M  M	<ul style="list-style-type: none"> <li>• Obey traffic signage</li> <li>• Sign prework briefing if applicable</li> <li>• Daily operator's plant inspection</li> <li>• Talk to site supervisor</li> <li>• Flashing light to be fitted to the vehicle, remember to turn on upon entering site</li> <li>• Drivers must be licensed</li> <li>• Be aware that there are mobile plant, heavy vehicles moving around the site and may appear without warning</li> <li>• Do not block roads/ throughways when parking a vehicle or mobile plant</li> <li>• Vehicle to contain first aid kit and fire extinguisher</li> <li>• Oxy, acetylene and medical air bottles to be stored upright and secured with suitable strap or chain</li> <li>• Loads must be secured properly on all vehicles</li> <li>• Vehicles must not be overloaded</li> <li>• Personnel are not to use handheld mobile phones whilst driving</li> <li>• Personnel are to wear seat belts at all times in vehicle and plant</li> <li>• In case of breakdown or bogging, call supervisor for assistance</li> </ul>	Driver  All personnel Area foreman
	Slip/ Trip/ Falls	L	<ul style="list-style-type: none"> <li>• Be aware of slips, trips hazards at all locations on the site due to uneven ground, occasionally et conditions, construction waste to be collected, reinforcing bar not covered by concrete earthworks</li> <li>• Personnel are to use 3 point contact when climbing ladders, entering and exiting mobile plant</li> </ul>	All Personnel
	Strike overhead services	M	<ul style="list-style-type: none"> <li>• Maintain clearance 1KV- 132KV : 3 m                              132KV- 330KV: 6 m                              330KV+ : 8 m</li> </ul>	
Impacting on Rail Operations	<ul style="list-style-type: none"> <li>• If entering rail corridor or potential to impinge on rail assets</li> </ul>		<ul style="list-style-type: none"> <li>• Await Protection Officer</li> <li>• Need RISI ticket</li> </ul>	

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Drive to and access work area (continued)	Site rules not followed	M	Specific Controls <ul style="list-style-type: none"> <li>● All personnel must sign the toolbox meeting minutes (if separate from JSA card) and JSA card indication that they understand and will work to the direction of the SWMS</li> <li>● All personnel will not do anything they feel is unsafe, and refer the matter to their leading hand, supervisor, foreman, OHS manager or Safety reps</li> <li>● All personnel will follow any reasonable direction given by their supervisor or contact</li> <li>● All personnel will wear the site PPE for specialist tasks as directed by the task mandatory control</li> </ul>	All personnel / Area foreman
Position Truck	<ul style="list-style-type: none"> <li>● Collision with pedestrian, vehicle and mobile plant traffic</li> <li>● Vehicle run-away</li> </ul>	M  L	<ul style="list-style-type: none"> <li>● Truck to park well clear of traffic lanes. Care to be taken crossing footpaths. Traffic control will be required if blocking roads or part of roads or footpaths</li> <li>● Ensure hand brake is engaged before exiting vehicle</li> <li>● Flashing light / rotation beacon</li> </ul>	Driver
Driver alights Vehicles	<ul style="list-style-type: none"> <li>● Slips trips &amp; falls</li> <li>● Driver struck by passing traffic or mobile plant</li> </ul>	M H	<ul style="list-style-type: none"> <li>● Use 3 points contact, when climbing down from truck.</li> <li>● Ensure you look in all directions prior to alighting from vehicle</li> <li>● Wear supplied high vis. Uniform or safety Vest</li> </ul>	Driver
Driver unsecured loads	<ul style="list-style-type: none"> <li>● Injury from sudden release of load binders</li> <li>● Load movement or falling after load binders removed</li> <li>● Chains/ straps being thrown over loads &amp; striking people, vehicles</li> </ul>	H  M  L	<ul style="list-style-type: none"> <li>● Take care when releasing load binders, refer safety bulletin</li> <li>● Do not use cheater bar over pipe, use beaver winch bar</li> <li>● Stand clear when releasing chains, and do it slowly</li> <li>● Use a rope to pull the chain over rather than throwing the chain, ensure the area is clear</li> </ul>	Driver

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Set up of outriggers	<ul style="list-style-type: none"> <li>Fingers and hands being pinched in outrigger slots</li> <li>Outriggers and crane causing obstructions to traffic</li> </ul>	L  M	<ul style="list-style-type: none"> <li>Wear gloves where possible and take care sliding outrigger legs in and out</li> <li>Barricade area or use traffic control if required</li> <li>Ensure the outriggers are fully extended to give maximum stability to the vehicle</li> <li>Timber must be placed under the outriggers to prevent them from sinking into the ground</li> </ul>	Driver
Unfold crane	<ul style="list-style-type: none"> <li>Crane being unfolded into traffic</li> <li>Crane contacting power lines</li> <li>Crane striking people of property</li> </ul>	L  E  L	<ul style="list-style-type: none"> <li>Visual check of the area prior to unfolding the crane</li> <li>Visual check of the surrounding area prior to operating the crane</li> </ul>	Driver
Load is slung and unloading	<ul style="list-style-type: none"> <li>Slips trips and falls, from climbing up and down truck</li> <li>Load falling</li> </ul>	M  M	<ul style="list-style-type: none"> <li>Use 3 point contact when climbing up and down from truck, utilize built in steps</li> <li>Only certified and checked lifting equipment to be used</li> <li>Do not lift loads over people, plant or property</li> <li>All personnel in the area to be aware of the crane movements and stay clear of the slew area</li> <li>Taglines to be used where the load may wing during slewing</li> <li>Do not enter/ swing working area of the cranes and mobile plant</li> <li>Complete lift study checklist</li> <li>Inspect for unsuitable ground, e.g. pits etc.</li> </ul>	Driver
Repeat steps as many times as required	<ul style="list-style-type: none"> <li>As above</li> </ul>	M	<ul style="list-style-type: none"> <li>As Above</li> </ul>	Driver

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<p>Hand unload small items as required</p>	<ul style="list-style-type: none"> <li>• Manual Handling</li> </ul>	<p>M</p>	<ul style="list-style-type: none"> <li>• Keep back straight when lifting, bend knees to take weight</li> <li>• Plan your lift, ensure you have a clear path to move the load</li> <li>• Get help, use team lifting or mechanical assistance if load cannot be lifted comfortably</li> <li>• There is no defined limit for a person to lift, but each person must only lift what they can comfortably manage within their individual physical capacity</li> <li>• Do not twist the body when carrying a load</li> <li>• Take necessary breaks</li> <li>• Stretch muscle before beginning task, and at hourly intervals during the task</li> <li>• Be wary of pinching finger when holding/ placing a load</li> </ul>	<p>Driver</p>
<p>Fold away crane</p>	<ul style="list-style-type: none"> <li>• Crane slewing into traffic while being folded</li> <li>• Crane contracting power lines</li> <li>• Crane striking people or property</li> </ul>	<p>M  E  L</p>	<ul style="list-style-type: none"> <li>• Visual check of the area prior to folding crane</li> <li>• All drivers to adhere to the site specific requirements regarding working near power lines</li> <li>• Visual check of the surrounding area prior to operating the crane</li> </ul>	<p>Driver</p>