

Title: SERIOUS INJURY AND FATALITIES - SIF HAZARD – CRANES & LIFTING  
 Reviewed: 07/19  
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 Form: S2282



## CRITICAL CONTROL VERIFICATION

### SERIOUS INJURY AND FATALITIES - SIF HAZARD – CRANES & LIFTING

DATE:		VERIFIER:		SITE:	
TIME:		TASK:		LOCATION:	

FIT FOR PURPOSE CRANES	YES	NO	N/A
Are <b>mobile cranes</b> registered and are statutory inspections completed? <ul style="list-style-type: none"> <li>Is a crane safe sticker in date and displayed?</li> <li>Is a statutory inspection record in cabin and statutory inspections recorded?</li> </ul>			
Are <b>outriggers</b> effectively deployed for mobile cranes? (extended fully, ground stability ensured)			
Are <b>load indicators</b> fitted to mobile cranes?			
Are cranes provided with electrical/mechanical <b>overload protection</b> ? (except for automated cranes)			
Are <b>tag lines</b> of sufficient length & used where necessary with a 16mm diameter [minimum]?			
Are <b>safety latches on hooks</b> in place and effective?			
Are <b>guards</b> in place on winches?			

LIFTING EQUIPMENT (INC CHAIN BLOCKS)	YES	NO	N/A
Is lifting equipment marked with <b>SWL or WLL</b> as appropriate?			
Is all lifting equipment in serviceable condition?			
Is rigging and lifting equipment registered and inspected at the required intervals (tagged)?			

PRE-USE INSPECTION	YES	NO	N/A
Have <b>pre-use inspections/checklists</b> of cranes & lifting equipment been completed by competent people?			

EXCLUSION ZONES, BARRIERS AND SIGNAGE	YES	NO	N/A
Are signage, exclusion zones and barriers in place for all lifts?			
Are all <b>personnel</b> free from risk if an object is dropped?			

COMPETENT PEOPLE	YES	NO	N/A
Do crane operators have <b>appropriate licenses and competencies</b> ? (e.g. HRWL)			
Do people slinging loads or directing loads have <b>appropriate licences and competencies</b> ?			

LIFTING OPERATIONS	YES	NO	N/A
Are <b>Lift Plans and Check sheets</b> completed for all <b>complex lifts</b> ? This includes: <ul style="list-style-type: none"> <li>Multiple crane lifts, where more than one crane is used to lift a load at any one time</li> <li>Significant risk that lift could result in serious bodily injury</li> <li>Operating cranes &lt;20 metres under live overhead powerlines</li> <li>Lifting or lowering over, complex or critical plant/system.</li> <li>The Lift is:               <ul style="list-style-type: none"> <li>85% or more of the rated capacity for mobile cranes; or</li> <li>90% or more of the rated capacity for fixed crane; or</li> <li>Gross weight is greater than 20 tonnes</li> </ul> </li> <li>Tilt-up panel lifting tasks</li> </ul>			
Have ground conditions, weather and wind been calculated and appropriate for the lift to be performed?			
Has the <b>type and weight of loads</b> been confirmed and is the load/s less than the SWL of lifting devices and equipment?			
Do crane operators and dogman/riggers have <b>effective two way communication processes</b> in place?			
Are all non-authorized personnel remain <b>outside exclusion zones</b> at all times, and never be under suspended loads?			
Do loads capable of shifting until secured remain attached to the lifting device and tag lines, or are they <b>securely propped or chocked</b> until secured?			
Are freefall devices physically locked?			
Have anchor points for chain blocks and portable lifting devices been registered or assessed by a qualified person as suitable?			

COMMENTS