LOAD SHIFTING EQUIPMENT IN CRANE MODE

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| **PCBU Address:** Lot 3, Redlynch Connector Road, Redlynch 4870  **Job Title:**  **Site Address:** | | | | **Date:**  **Page:** 1 of 4 **SWMS No:** 18 | | **New**  **Revised** |
| **Principal:** | | **Supervisor:** Ian Loccisano | | **Approved by:** Ian Loccisano | | |
| **Required Personal Protective Equipment:** Safety boots, safety vest, hearing protection, safety helmet and tag line | | | | | | |
| **TASK** | **POTENTIAL HAZARDS** | | **ACTION OR PROCEDURE** | | **RESPONSIBILITY** | |
| Operating load shifting equipment | General | | Check operator for certification | | Supervisor | |
| Plant in safe operating condition, refer to Daily Plant Checklist | | Operator | |
| Roll Over | | Use plant fitted with ROPS and seatbelt | | Operator | |
| Seatbelt being used | | Operator | |
| Comply with operators manual | | Operator | |
| Struck by plant | | Separate work activities if possible | | Supervisor | |
| Awareness of persons on ground | | Operator | |
| Stay clear of moving/slewing machinery | | Persons on ground | |
| Wear high visibility clothing | | All persons | |
| Maintain reversing beeper in working order | | Operator | |
| Observe warning devices such as reversing beepers | | Persons on ground | |
| **TASK** | **POTENTIAL HAZARDS** | | **ACTION OR PROCEDURE** | | **RESPONSIBILITY** | |
| Operating load shifting equipment | Struck by plant | | Be aware of machine shadow areas | | Persons on ground | |
| Use traffic controllers (if required) in accordance with TORUM. Traffic management plan required/followed | | Supervisor | |
| Communications between plant | | All operators | |
| Excavators & backhoes to use safety pins in quick hitches | | Operator | |
| Use of Plant in Crane Mode | | 1. Load shifting equipment only used in crane mode where a crane is not available or suitable 2. Where load shifting equipment is used, fitted with controlled lowering devices 3. Where load shifting equipment without controlled lowering devices is used, personnel are not to be in close proximity of the load until the load is within 0.100m of the ground. Close proximity is deemed to be two times the distance of the equipment lift point above ground level | | Supervisor | |
| Crane charts affixed to machine and complied with | | Operator | |

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| **TASK** | **POTENTIAL HAZARDS** | **ACTION OR PROCEDURE** | **RESPONSIBILITY** |
| Operating load shifting equipment | Use of Plant in Crane Mode | Lifting point approved and 10% wear limit not exceeded on lifting point | Operator |
| Equipment fitted with quick hitch, bucket removed to expose lifting point | Operator |
| Dogman engaged to select, inspect sling and control load | Supervisor |
| Wearing of safety helmets | All persons on ground |
| Use tag line to control load movement | Person in control of load |
| Maintain load close to ground level | Operator |
| No person in close proximity of load until the load is less than 0.100m off the ground. Close proximity is deemed to be two times the distance of the equipment lift point above ground level | All persons on ground |
| Ensure load being lifted vertically | Operator |
| Dust | Regular backwatering | Operator |
| Falling objects (where applicable) | Plant fitted with FOPS | Operator |
| Wear safety helmets | All persons on ground |
| Noise | Ensure exhaust system and cabin lining in good condition | Operator |
| Wear hearing protection | Operators in open cabins |
| Striking underground services | Refer SWMS for relevant underground services | All operators |
| Work near live electrical parts | Refer SWMS Work Near Live Energised Electrical Installations | All operators |
| All hazards | Continual monitoring of machine including pre-start checklist | Operator |
| Daily periodical monitoring of activity | Supervisor |

Risk assessment based on all procedures being in place

**Risk Assessment Matrix**



**Likelihood:** Very unlikely **Consequences:** Minor **Risk score:** 7