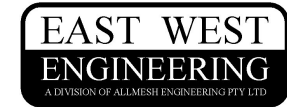


Appendix A – to form Part of the Instruction Manual

Risk Control Measures & Risk Assessment for Identified Hazards



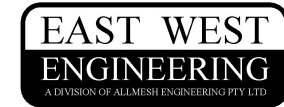
Equipment Type & Description: Type WP-C4 Crane Cage Sheet: 2 of 13

Operation	Hazards Identified	Risk Assessment	Risk Control Measures in Place	Risk Control In Place (Date)
1. Crane Operational Safety Pre-Checks (continued).	a) Unsafe use of Crane resulting in Cage, Occupants and/or items shifting & falling from height and striking Personnel and/or objects. (continued)	<ul style="list-style-type: none"> • Serious Risk to Occupants. • Serious Risk to Personnel. • Moderate Risk to Operator. 	<ul style="list-style-type: none"> - Ensure minimum Crane SWL at the maximum Crane radius for work being carried out is 1000kg. - Any stabilisers to be engaged prior to lifting. - All Crane movements to be carried out under power. - The operational areas to be assessed for hazards prior to and during work shifts. - The Crane must be left in safe condition after each shift. - Inspections, maintenance and repairs to be carried out in accordance with the relative Crane Instruction Manuals and AS 2550.1. 	

Assessment carried out by: Allan WALKER, East West Engineering Date of Assessment: 21st March 2013

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Risk Control Measures & Risk Assessment for Identified Hazards



Equipment Type & Description: Type WP-C4 Crane Cage Sheet: 3 of 13

Operation	Hazards Identified	Risk Assessment	Risk Control Measures in Place	Risk Control In Place (Date)
1. Crane Operational Safety Pre-Checks (continued).	b) Electric Shock	<ul style="list-style-type: none"> • Serious Risk to Occupants. • Serious Risk to Operator. • Serious Risk to Personnel. 	<ul style="list-style-type: none"> - All Risk Control Measures outlined in 1(a) above are to be in place. - The Power Supply is to be compatible with the Crane. - Operator to keep clear of overhead obstructions and in particular MAINTAIN RELEVANT CLEARANCES of ELECTRICAL Conductors. - A Spotter shall be used whenever operating near aerial conductors in accordance with AS 2550.1. - Ensure an Electrical isolation procedure developed for the Crane is in place – Operator must know location of main isolation switch & fire fighting equipment. - If more than 25 persons employed at workplace/site, a Certified First Aider to be at Workplace or on Site. 	

Assessment carried out by: Allan WALKER, East West Engineering Date of Assessment: 21st March 2013

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Risk Control Measures & Risk Assessment for Identified Hazards



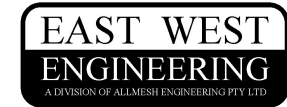
Equipment Type & Description: Type WP-C4 Crane Cage Sheet: 4 of 13

Operation	Hazards Identified	Risk Assessment	Risk Control Measures in Place	Risk Control In Place (Date)
2. Crane Cage Operational Safety Pre-Checks.	a) Unsafe use of Cage resulting in Cage, Occupants and/or items shifting & falling from height and striking Personnel and/or objects.	<ul style="list-style-type: none"> • Serious Risk to Occupants. • Serious Risk to Personnel. • Moderate Risk to Operator. 	<ul style="list-style-type: none"> - Inspections, maintenance and repairs to be carried out in accordance with these Instructions. - The Chain Sling to be inspected in accordance with Section 7 of these Instructions and AS 3775 using Appendix B. - The safety harness anchor point to be inspected before each shift to ensure it is in safe working condition. - All Pre-Checks listed in the Instruction Manual are to be carried out before each shift. - The Cage is to be fitted securely to the crane lifting apparatus according to these Instructions. - All instructions for the use of the Cage as laid out in the Instruction manual are to be followed. - (continued on sheet 5 of 13). 	

Assessment carried out by: Allan WALKER, East West Engineering Date of Assessment: 21st March 2013

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Risk Control Measures & Risk Assessment for Identified Hazards



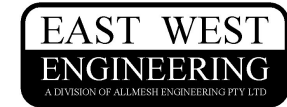
Equipment Type & Description: Type WP-C4 Crane Cage Sheet: 5 of 13

Operation	Hazards Identified	Risk Assessment	Risk Control Measures in Place	Risk Control In Place (Date)
2. Crane Cage Operational Safety Pre-Checks (continued)	a) Unsafe use of Cage resulting in Cage, Occupants and/or items shifting & falling from height and striking Personnel and/or objects. (continued).	<ul style="list-style-type: none"> • Serious Risk to Occupants. • Serious Risk to Personnel. • Moderate Risk to Operator. 	<ul style="list-style-type: none"> - The Operator to lift the Cage to required working height to confirm all systems are functioning correctly. - Cage to carry NO MORE THAN one (1) person. - Total hoisted load of Cage & its contents to be NO MORE THAN 380kg. - The Operator to ensure there has been no unauthorised interference or alteration to the equipment that may cause risk. - The hoist used to lift the Cage is not to be twisted or tangled before lifting. - If any equipment becomes unsafe, stop all usage until risk has been eliminated or controlled. - The use of the Crane Cage is limited to those situations for which it is specifically designed and/or in accordance with AS 2550.1. 	

Assessment carried out by: Allan WALKER, East West Engineering Date of Assessment: 21st March 2013

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Risk Control Measures & Risk Assessment for Identified Hazards



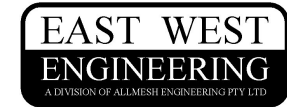
Equipment Type & Description: Type WP-C4 Crane Cage Sheet: 6 of 13

Operation	Hazards Identified	Risk Assessment	Risk Control Measures in Place	Risk Control In Place (Date)
3. Lifting, lowering & manoeuvring Crane Cage with or without Occupants and/or items with Crane.	a) Unsafe/incompetent Operator.	<ul style="list-style-type: none"> • Serious Risk to Occupants. • Serious Risk to Operator. • Serious Risk to Personnel. 	<ul style="list-style-type: none"> - Only certified & fully trained Operators are to use the Crane. - Operators must not work the Crane unless they are physically & mentally capable. 	
	b) Occupants and/or Items falling from height.	<ul style="list-style-type: none"> • Serious Risk to Occupants. • Serious Risk to Personnel. • Moderate Risk to Operator. 	<ul style="list-style-type: none"> - All Risk Control Measures outlined in 1(a) & 2(a) above are to be in place. - Operator to ensure the Cage is fitted securely to the crane lifting apparatus. - Mobile Cranes are not to travel with personnel in the Cage. - Barriers/warning signs in areas subject to passing traffic to be installed. - Cage should NOT BE USED in winds in excess of 7m/s (25km/h), electrical storms, ice sleet or other adverse weather conditions which could affect the safety of personnel. - (continued on sheet 7 of 13). 	

Assessment carried out by: Allan WALKER, East West Engineering Date of Assessment: 21st March 2013

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Risk Control Measures & Risk Assessment for Identified Hazards



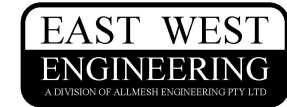
Equipment Type & Description: Type WP-C4 Crane Cage Sheet: 7 of 13

Operation	Hazards Identified	Risk Assessment	Risk Control Measures in Place	Risk Control In Place (Date)
3. Lifting, lowering & manoeuvring Crane Cage with or without Occupants and/or items with Crane. (continued)	b) Occupants and/or Items falling from height. (continued)	<ul style="list-style-type: none"> • Serious Risk to Occupants. • Serious Risk to Personnel. • Moderate Risk to Operator. 	<ul style="list-style-type: none"> - The Occupant MUST wear a safety harnesses attached to the anchor point via a safety line. - Safety harness attachment to anchor point MUST be made from within the Crane Cage. - The Cage is to be raised no higher than necessary. - Operator to hoist Cage vertically in a smooth manner slowly with minimum acceleration & deceleration. - Occupant must stand on floor of Cage at all times – ladders or other means not to be used to gain extra height. - Occupant must not enter or exit Cage when elevated (except in emergencies) – conduct risk assessment to identify area of best egress. 	

Assessment carried out by: Allan WALKER, East West Engineering Date of Assessment: 21st March 2013

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Risk Control Measures & Risk Assessment for Identified Hazards



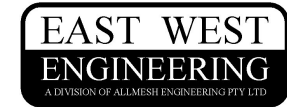
Equipment Type & Description: Type WP-C4 Crane Cage Sheet: 8 of 13

Operation	Hazards Identified	Risk Assessment	Risk Control Measures in Place	Risk Control In Place (Date)
3. Lifting, lowering & manoeuvring Crane Cage with or without Occupants and/or items with Crane. (continued)	c) Cage and/or load uncontrolled and/or having unexpected movements.	<ul style="list-style-type: none"> • Serious Risk to Occupants. • Serious Risk to Personnel. • Moderate Risk to Operator. 	<ul style="list-style-type: none"> - All Risk Control Measures outlined in 3(b) above are to be in place. - Operator to gain assurance from a responsible person that the Cage and any load may be handled safely. - Use a 'tagline' if necessary. - Operator to avoid sudden stops, jerky movements. - Operator to stay with controls at all times. - Cage not to be moved unless the safety of persons in the vicinity of the Crane is assured. - Operator to follow directions & signals given by an authorised person unless a dangerous situation occurs in which case all Cage movements to cease. - (continued on sheet 9 of 13). 	

Assessment carried out by: Allan WALKER, East West Engineering Date of Assessment: 21st March 2013

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Risk Control Measures & Risk Assessment for Identified Hazards



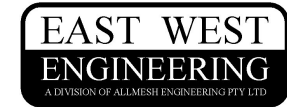
Equipment Type & Description: Type WP-C4 Crane Cage Sheet: 9 of 13

Operation	Hazards Identified	Risk Assessment	Risk Control Measures in Place	Risk Control In Place (Date)
3. Lifting, lowering & manoeuvring Crane Cage with or without Occupants and/or items with Crane. (continued)	c) Cage and/or load uncontrolled and/or having unexpected movements. (continued)	<ul style="list-style-type: none"> • Serious Risk to Occupants. • Serious Risk to Personnel. • Moderate Risk to Operator. 	<ul style="list-style-type: none"> - Cage/hook not to be moved when out of sight unless directed to by an authorised person. - When landing the Cage, rope slack must be avoided. 	
	d) Cage and/or load too heavy and/or unbalanced.	<ul style="list-style-type: none"> • Serious Risk to Occupants. • Serious Risk to Personnel • Moderate Risk to Operator. 	<ul style="list-style-type: none"> - All Risk Control Measures outlined in 3(b) and 3(c) above are to be in place. - The Operator to be aware of the weight of Cage & load. - The rated working load of the Crane is NOT to be exceeded. - The Cage is to be raised unladen to working height to confirm all systems are functioning. 	

Assessment carried out by: Allan WALKER, East West Engineering Date of Assessment: 21st March 2013

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Risk Control Measures & Risk Assessment for Identified Hazards



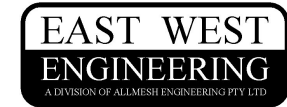
Equipment Type & Description: Type WP-C4 Crane Cage Sheet: 10 of 13

Operation	Hazards Identified	Risk Assessment	Risk Control Measures in Place	Risk Control In Place (Date)
3. Lifting, lowering & manoeuvring Crane Cage with or without Occupants and/or items with Crane. (continued)	e) Cage striking Personnel.	<ul style="list-style-type: none"> • Serious Risk to Occupants. • Serious Risk to Personnel. 	<ul style="list-style-type: none"> - All Risk Control Measures outlined in 3(b) and 3(c) above are to be in place. - A suitable clear space between barriers to be left to safely use the Cage. - Operator to have effective communications with any Occupant in the Cage. - The Crane/Cage is NOT to be moved unless the safety of Personnel is assured. - Cage MUST to be visible to Personnel controlling the Crane movements at all times whilst suspended. 	

Assessment carried out by: Allan WALKER, East West Engineering Date of Assessment: 21st March 2013

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Risk Control Measures & Risk Assessment for Identified Hazards



Equipment Type & Description: Type WP-C4 Crane Cage Sheet: 11 of 13

Operation	Hazards Identified	Risk Assessment	Risk Control Measures in Place	Risk Control In Place (Date)
3. Lifting, lowering & manoeuvring Crane Cage with or without Occupants and/or items with Crane. (Continued)	f) Cage striking Objects.	<ul style="list-style-type: none"> • Serious Risk to Occupants. • Serious Risk to Personnel. • Moderate Risk to Operator. 	<ul style="list-style-type: none"> - All Risk Control Measures outlined in 3(b), 3(c) and 3(e) above are to be in place. - Lifting & lowering areas to be assessed & the Crane Operator and/or Controller made aware of any objects within the path of normal Crane movements. - Cage/hook to be raised sufficiently to avoid collision during horizontal movements. - The Crane to keep clear of any overhead obstructions, and in particular ELECTRICAL conductors. 	
	g) Entanglement with lifting ropes, chains, slings, beams, fallropes & taglines.	<ul style="list-style-type: none"> • Serious Risk to Occupants. • Serious Risk to Personnel. • Moderate Risk to Operator. 	<ul style="list-style-type: none"> - All Risk Control Measures outlined in 3(b), 3(c) and 3(e) above are to be in place. - (continued on sheet 12 of 13). 	

Assessment carried out by: Allan WALKER, East West Engineering Date of Assessment: 21st March 2013

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Risk Control Measures & Risk Assessment for Identified Hazards



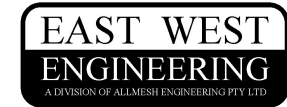
Equipment Type & Description: Type WP-C4 Crane Cage Sheet: 12 of 13

Operation	Hazards Identified	Risk Assessment	Risk Control Measures in Place	Risk Control In Place (Date)
3. Lifting, lowering & manoeuvring Crane Cage with or without Occupants and/or items with Crane. (Continued)	g) Entanglement with lifting ropes, chains, slings, beams, fallropes & taglines. (continued)	<ul style="list-style-type: none"> • Serious Risk to Occupants. • Serious Risk to Personnel. • Moderate Risk to Operator. 	<ul style="list-style-type: none"> - Spotters, Dogmen, Riggers are to be well clear of any lifting apparatus before any Crane movements take place. - All lifting ropes, chains, slings and/or lifting beams are to be prevented from swinging and/or becoming slack. 	
	h) Fire Risks when transporting flammable liquids in Cage.	<ul style="list-style-type: none"> • Serious Risk to Occupants. • Serious Risk to Personnel. • Serious Risk to Operator. 	<ul style="list-style-type: none"> - All Risk Control Measures outlined above are to be in place. - Operator, Crane Personnel and Occupant must know location of fire fighting equipment and be trained in its use. - It is recommended that flammable liquids including oxygen & acetylene cylinders be housed in a separate compartment in the Cage in ONLY MINIMUM quantities and carried together with a fire extinguisher. 	

Assessment carried out by: Allan WALKER, East West Engineering Date of Assessment: 21st March 2013

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Risk Control Measures & Risk Assessment for Identified Hazards



Equipment Type & Description: Type WP-C4 Crane Cage Sheet: 13 of 13

Operation	Hazards Identified	Risk Assessment	Risk Control Measures in Place	Risk Control In Place (Date)
4. Storage of Crane Cage.	a) Cage becoming damaged.	<ul style="list-style-type: none"> • Serious Risk to Occupants. • Serious Risk to Personnel. • Moderate Risk to Operator. 	<ul style="list-style-type: none"> - Regular maintenance, inspection and testing according to the Instruction Manual to be carried out. - Prior to Storage, all dirt should be removed from the Crane Cage and the Cage air-dried at ambient temperature. - Cage to be stored in dry areas and away from any corrosive chemicals. 	
	b) Cage in the way of normal Workplace/Site operations.	<ul style="list-style-type: none"> • Moderate Risk to Personnel. 	<ul style="list-style-type: none"> - Cage to be stored in areas which will not interfere with the normal running of the Workplace/Site. 	

Assessment carried out by: Allan WALKER, East West Engineering Date of Assessment: 21st March 2013