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RAMS Document

Ref No.: 642887 Job No.: 54057

Risk Assessment. RAMS 1 - Completed on 2023-04-03 10:06:57

Customer Name:	Special Metals Wiggin Ltd	Location of Work:	east works
Email Address:	alex.williams@specialmetalswiggin.co.uk, James.Sinclair@specialmetalswiggin.co.uk, Lisa.Hardman@specialmetalswiggin.co.uk, Marcus.Upcott@specialmetalswiggin.co.uk, , michael.perruzza@specialmetalswiggin.co.uk, Rod.Willis@specialmetalswiggin.co.uk , Sam.Moss@specialmetalswiggin.co.uk, tim.kyles@specialmetalswiggin.co.uk	Plant Item:	Crane
Responsible Process Team:	granada	Brief Job Description:	fitting of down lighting box to two cranes in dispatch
Contingency Plan and Emergency Arrangements:	as per rams	Reference Documents:	rams
Specialist Tools:	none	COSHH:	none
Are you at the correct equipment item(s)?:	Yes	Do you have all the correct documentation you need?:	Yes
Hazards:	other works working at height	Controls:	sage working practices safe working environment
Applicable Risk Methods:	COVID-19, Manual Handling, Working at Height, Slips Trips and Falls, Use of Scissor Lift, Use of Boom, Working around Traffic, Bays with Multiple Cranes, Working with Electricity	Suggestions to make working safer next time?:	None.

Method Statement

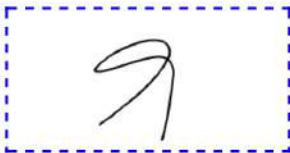
Step 1:	Arrive on site and report to the site contact and obtain work permit	Step 13:	
Step 2:	Move crane to be worked on into a suitable location	Step 14:	
Step 3:	Obtain the site access machine and move into the work area	Step 15:	
Step 4:	Cordon off the work area with barrier tape	Step 16:	
Step 5:	Move all tools and parts to the work area	Step 17:	
Step 6:	Access crane with tools and spare parts by way of MEWP	Step 18:	
Step 7:	Isolate crane locally	Step 19:	
Step 8:	install of light box	Step 20:	
Step 9:		Step 21:	
Step 10:		Step 22:	
Step 11:		Step 23:	
Step 12:			

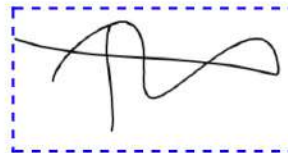
Working Party Acceptance & Customer Sign Off

Party 1: **Fflo Williams**

Party 2: **Simon Hawthorne**

Customer Signature Name: **Tim Kyles**





Photos

Granada Cranes Limited

Parsonage Street, Olbury, West Midlands, B69 4PH

Granada Cranes is a trading name of Granada Cranes Limited.
Registered in England & Wales under number 13558272.





Risk Methods Selected

Risk Calculation Matrix

Likelihood	Consequences				
	Insignificant	Minor	Moderate	Major	Catastrophic
	1	2	3	4	5
Almost certain	5	10	15	20	25
Likely	4	8	12	16	20
Possible	3	6	9	12	15
Unlikely	2	4	6	8	10
Rare	1	2	3	4	5

Green	Carry on and monitor situation
Yellow	Carry on with control measures
Red	Do not proceed

Likelihood	x	Consequences
= Risk		

COVID-19 - Risk Method

PPE Requirements										
		Yes		Yes		Yes		Yes		

Hazard	L	C	R	Control Measures	L	C	R	Comments
Hand cross contamination	5	5	25	1. Avoid all hand contact with people at all times. 2. Wash hands frequently for at least 20 seconds 3. Use the hand sanitizer provided on entering and leaving the building and when moving from one work area to another. 4. Clean work surfaces with sanitiser at the beginning and end of each day. 5. Clean work area if other people have been using the same work area before you. 6. If you can work from home where reasonably practicable then do so with your immediate line managers permission.	1	5	5	
Particulate contamination	5	5	25	1. Follow social distancing guidelines and stay 2m apart where possible. 2. If there is a need to work within the 2m limit try to reduce the time. 3. If this is not possible request face masks from your immediate line manager. 4. If you can work from home where reasonably practicable then do so with your immediate line managers permission.	1	5	5	

If you or a member of your family is showing any signs or symptoms of the Corona Virus follow all government guidelines which can be found at <https://www.gov.uk/government/collections/coronavirus-covid-19-list-of-guidance>

You must inform your immediate line manager if you or a family member is showing any signs or symptoms of the virus.

Manual Handling - Risk Method

PPE Requirements										
				Yes		Yes	Yes			Yes

Hazard	L	C	R	Control Measures	L	C	R	Comments
Back strains	3	4	12	Use lifting aids such as crane and pump truck where possible. Assess the lift. Use more than one person to share the load. Split the load to create lighter parts.	1	4	4	Don't be a hero. Get some help
Skeletal injuries.	3	4	12	Use lifting aids such as crane and pump truck where possible. Assess the lift. Use more than one person to share the load. .	1	4	4	

Cuts and bruises.	3	4	12	Use gloves or lifting aids where possible. Do not pick any load where there is a sharp edge present.	1	4	4
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Working at Height - Risk Method

PPE Requirements										
Yes	Yes		Yes				Yes			Yes

Hazard	L	C	R	Control Measures	L	C	R	Comments
Falling persons	3	5	15	Where it is not reasonably practicable to work from or erect a platform then, as a last resort, work may be carried out using a safety harness or fall arrest device fixed to a structure capable of supporting a fall without injury. A twin lanyard technique is to be employed when traversing through steelwork, the operative MUST be clipped on at all times with a minimum of one tail. Good housekeeping required in working area to prevent slips/trips. If working on a fixed overhead crane platform then the full body harness must still be worn and fall arrest lanyard clipped on to a suitable structure. If it is possible to work in an area where the area below is clear, then this is the best situation. This will allow for clipping on and using the self-descending rescue harness in case of an occurrence. This harness should only be used as a last resort and other rescue procedures should be put in place first.	1	5	5	
Falling Objects	3	5	15	Area below the work area must be taped off and marshalled if required. A full exclusion zone may be set up in extreme circumstances using fixed fencing. If required, make the area below the work area a hard hat area.	1	5	5	

Slips, Trips and Falls - Risk Method

PPE Requirements										
							Yes			Yes

Hazard	L	C	R	Control Measures	L	C	R	Comments
Slips, trips and falls	4	4	16	Good housekeeping must be maintained at all times. Keep all walk ways and work areas clear and segregated. Floor surfaces should be kept in good condition. Good lighting at all times. Avoid trailing cables and leads and put away after use. Safety footwear to be worn.	1	4	4	Keep the area clean. Store away cables after use.












Use of a Scissor Lift - Risk Method

PPE Requirements										
Yes							Yes			Yes

Hazard	L	C	R	Control Measures	L	C	R	Comments
Damaged machinery	3	4	12	Check all equipment before use and report any defects, Ensure the equipment has a ROTE under LOLER remembering it must be done every 6 months. Carry out a full function check before use.	1	4	4	
Mis-use of machinery	3	4	12	No person shall operate any Scissor lift without being IPAF trained. All Taurus Cranes engineers are IPAF trained and competent to operate scissor lifts.	1	4	4	










Falling objects	3	3	9	Only carry the number of tools and equipment in the scissor lift. Ensure kick boards around the scissor lift are in place and secure, Barrier off area below the scissor lift or marshal the area. Secure all tools and equipment.	2	3	6	
Falling persons	3	5	15	Only work within the confines of the Scissor lift. Do not stand on handrails, do not over stretch from the platform. Ensure access gate is fully closed before raising the platform. Wear a full body harness with fall restraint lanyard attached always in the machine	1	5	5	
Crushing (Raising/Lowering).	3	5	15	Ensure good all-round vision before raising platform, familiarise with controls before operation, Ensure the Emergency stop circuit is working before operation, use in slow when approaching obstacles at height.	1	5	5	
Crushing (driving)	3	4	12	Plan route before driving the scissor lift, ensure route is clear, use a banksman when required, ensure horn is working. Ensure good visibility from the basket in the direction of travel and all around.	1	4	4	

Boom Lift - Risk Method

PPE Requirements										
										
Yes	Yes						Yes			Yes

Hazard	L	C	R	Control Measures	L	C	R	Comments
Damaged machinery	3	4	12	Check all equipment before use and report any defects, Ensure the equipment has a ROTE under LOLER remembering it must be done every 6 months. Carry out a full function check before use.	1	4	4	
Mis-use of machinery	3	4	12	No person shall operate any Scissor lift without being IPAF trained. All Taurus Cranes engineers are IPAF trained and competent to operate scissor lifts.	1	4	4	
Falling objects	3	3	9	Only carry the number of tools and equipment in the scissor lift. Ensure kick boards around the scissor lift are in place and secure, Barrier off area below the scissor lift or marshal the area. Secure all tools and equipment.	2	3	6	
Falling persons	3	5	15	Only work within the confines of the Scissor lift. Do not stand on handrails, do not over stretch from the platform. Ensure access gate is fully closed before raising the platform. Wear a full body harness with fall restraint lanyard attached always in the machine	1	5	5	
Crushing (Raising/Lowering).	3	5	15	Ensure good all-round vision before raising platform, familiarise with controls before operation, Ensure the Emergency stop circuit is working before operation, use in slow when approaching obstacles at height.	1	5	5	
Crushing (driving)	3	4	12	Plan route before driving the scissor lift, ensure route is clear, use a banksman when required, ensure horn is working. Ensure good visibility from the basket in the direction of travel and all around.	1	4	4	

Working around traffic - Risk Method

PPE Requirements										
										
Yes			Yes				Yes			Yes

Hazard	L	C	R	Control Measures	L	C	R	Comments
Crushing	4	5	20	Always stick to walkways, Wear Hi-Viz clothing at all times, isolate work area from traffic, Inform client and all others in the area of your presence.	1	5	5	



Collision	4	4	16	Ensure fixed segregation between the work area and the traffic. Inform all of your presence on site, Wear hi visibility clothing.	1	4	4	
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Working in bays with multiple cranes - Risk Method

PPE Requirements										
										
Yes							Yes			Yes

Hazard	L	C	R	Control Measures	L	C	R	Comments
Crushing	3	5	15	When working in all bays with more than one crane on the same or adjacent gantry isolations of the other cranes should be sought. Fixed stops to prevent any other cranes should be fitted where possible; The controls for the other cranes should be in the possession of the worker. Last resort is to inform all operators in the working area of your presence before commencing work. All other cranes should not be allowed with-in a work envelope of no less than 6 metres.	1	5	5	

Working with Electricity - Risk Method

PPE Requirements										
										
Yes							Yes			Yes

Hazard	L	C	R	Control Measures	L	C	R	Comments
Electrocution	3	5	15	Complete isolation from all electrical supplies via Iso-lock system is the preferred Method for working on any electrical equipment. Live working and testing for diagnostic purposes should only ever be used as a last resort. And only by competent persons. All electrical maintenance work will be carried out only by competent and trained persons. And only after all risks have been identified. All tooling that is used on live circuits must be insulated and checked prior to use. All meters must be of a good standard and checked prior to use.	1	5	5	
Un expected movements of machinery Causing Crushing injuries	3	5	15	Any cranes or machinery being worked on under live conditions must be barriered off from other machines or persons in case of un expected movements,	1	5	5	