



RISK RATING 1 HIGH 2 MEDIUM 3 LOW	SAFE WORK METHOD STATEMENT Title: : Gantry Crane Operation Ref No: 1	I approve the use of this Safe Work Method Statement: NAME: _____ POSITION: Department Manager SIGNATURE: _____ DATE: ___/___/___
		Depot: OPERATION OF A GANTRY CRANE
Critical Steps in this Activity:	Potential Hazards:	Safety Controls:
<ul style="list-style-type: none"> Inspect equipment MEDIUM 	<ul style="list-style-type: none"> Faulty gear 	<ul style="list-style-type: none"> Check condition of crane including hoist ropes, sheaves and chains Check chain, slings and shackles are tagged and equal to S.W.L of load If the power to the crane has been switched back on make sure that: NO PERSONNEL ARE WORKING ON THE CRANE ALL WORK HAS BEEN COMPLETED. NO TOOLS OR OTHER LOOSE OBJECTS HAVE BEEN LEFT LYING AROUND THE CRANE OR RUNWAYS
<ul style="list-style-type: none"> Inspect work area MEDIUM 	<ul style="list-style-type: none"> Other workers and public Obstacles 	<ul style="list-style-type: none"> Secure work area from unauthorized persons Make sure floor is clear of obstacles and clean of grease Make sure the path of travel is free from obstructions
<ul style="list-style-type: none"> Check load MEDIUM 	<ul style="list-style-type: none"> Load too heavy Unstable load 	<ul style="list-style-type: none"> Establish weight of load by calculation, consignment notes or stamp on load DO NOT exceed SWL of crane Ensure items to be lifted are stacked correctly, balanced and secured
<ul style="list-style-type: none"> Position hook MEDIUM 	<ul style="list-style-type: none"> Unstable load Manual handling 	<ul style="list-style-type: none"> Place hook over load's centre of gravity Position hook at suitable height to connect lifting gear safely

<ul style="list-style-type: none"> Secure lifting gear on hook MEDIUM 	<ul style="list-style-type: none"> Sling too snug on hook increasing eye strain 	<ul style="list-style-type: none"> Ensure eye of sling fits freely over hook
<ul style="list-style-type: none"> Move load MEDIUM 	<ul style="list-style-type: none"> Damage to chains Crane capabilities Damage to crane 	<ul style="list-style-type: none"> When starting to hoist always tighten the chains before actually starting to lift When handling loads approaching maximum capacity, always test the brake by lifting the load just off the ground Never handle a load greater than the rated capacity of the crane Do not reverse a motor before it has come to rest Never use the crane to drag or pull a load sideways
<ul style="list-style-type: none"> Place Load MEDIUM Finish Job Shut-Down Remove slings and other lifting equipment and store correctly Return crane to storage position 	<ul style="list-style-type: none"> Obstructions Unstable stack Damage to slings and chains Hook and pendant hanging down 	<ul style="list-style-type: none"> Make sure placement area is clear of obstructions When stacking make sure the load is packed level and checked to prevent rolling Make sure lifting gear can be freely removed Store slings in a clean dry area away from chemicals Make sure hook pendant are clear of any bay that equipment will be driven into or through
<ul style="list-style-type: none"> PROHIBITED PRACTICES 		<ul style="list-style-type: none"> Unsafe load handling Do not pull or drag suspended loads at a angle Do not exceed the maximum permitted load Do not allow the chain to run over edge Do not allow loads to drop when the chain is in a slack condition Do not tamper with or manipulate electrical equipment Transporting persons on crane is not permitted Do not handle suspended loads above people Do not pull free fixed or obstructed loads from chain Do not leave suspended loads unsupervised Do not use the chain as a load bearing sling Do not subject pendant to inappropriately mechanical loads

License/Training		List Plant-Equipment	
<i>Crane Chaser</i> <i>Slinging of loads</i>		<i>Gantry Crane, Slings, Lifting Gear, Fiber Ropes</i>	
List: /Personal Protective Equipment required for this Activity	List Equipment Maintenance Checks required for this Activity	Engineering Certificates	Hazardous Substance
<i>High visibility clothing</i> <i>Hard Hats</i> <i>Safety Boots</i> <i>Gloves</i>		Type	Type
Duties & Responsibilities			
To ensure the safety of co-workers and general public. To report all incidents and near misses to team leader. Ensure equipment is in safe working order. Perform safety checks of equipment			

