



LIFTING AND HOISTING EXECUTION REVIEW

Project / Location:		Reviewer:		Date:	
Team Contact:		Position:		Company:	

QGC Upstream Lifting & Hoisting LFI's

 <p>HV Transformer Yard</p>	<p>HIGH POTENTIAL INCIDENT</p> <p>During a crane lift a 6t generator dropped 3m when moving it into position in the CPP High Voltage transformer yard.</p> <p>FIM# 2203496</p>	<p>The load was being lifted over a boundary fence, when the failure of the lifting apparatus occurred.</p> <p>What tasks in your work scope have a potential failure of lifting equipment?</p> <p>How familiar are you with the QGC Lifting & Hoisting Procedure and are minimum requirements checked?</p>
 <p>File: Fri Aug 24 16:51:23 EST 2018 39706013 - 15052658 1197 533045252 2020 2020 2020 2020 2020 2020 2020</p>	<p>HIGH POTENTIAL INCIDENT</p> <p>80kg top section of 4-piece telescopic telecom tower fell from a height of 20m when being installed using a manual winch positioned at its base.</p> <p>FIM# 2148842</p>	<p>Installation documentation was not available to the construction team.</p> <p>Wire rope was terminated with grips not suitable for the application of lifting.</p> <p>Worker was required to be located at the base of the tower to operate winch in a position under a suspended load.</p>
	<p>NEAR MISS</p> <p>After completing a lift, a 140t crane was slewing past a stowed 100t crane when it's tip came into contact with the static cranes boom.</p> <p>FIM# 2076529</p>	<p>Spotter was not utilized for the crane movement when not carrying a load.</p> <p>Cranes did not relocate following a dual lift meaning they were working within each other's radius independently.</p> <p>Crane contractor were confused by QGC terminology and the specific responsibilities of PIC and AP.</p>
	<p>HIGH POTENTIAL INCIDENT</p> <p>60kg acoustic wall panel (7.5m x 1m) fell 6m when the vacuum lifting attachment and secondary retention system failed to secure the load.</p> <p>FIM# 1966491</p>	<p>Panel was lifted in close proximity to structure allowing contact.</p> <p>Large gusts of winds were encountered, resulted in unexpected load movement.</p> <p>The lifting equipment (vacuum attachment & secondary sling) was not a suitable method for the type of load.</p>

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How have competencies been checked?	
Has a pre-job briefing been carried out and what were the key points?	
How did you confirm that the lifting capacity of the plant is adequate?	
How has the weight & center of gravity been established?	
What lift plan checks have been carried out?	
How do you identify appropriate lifting points and are they tested?	
How are SIMOPS managed for the task?	
How have ground conditions been assessed?	
How do you select lifting gear and appropriate lifting configuration?	
Are communication methods established and tested?	
How are the drop zone & barrier requirements established?	
What checks have been carried out on lifting plant & equipment?	
Are minimum 16mm tag lines in use?	
How are weather conditions monitored?	
What happens in case of emergency?	

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