

**JOB SAFETY ANALYSIS (JSA)
REPLACE FAULTY FLOOD LIGHT**



JSA Number:		SEC-JSA-004	JSA Title:			REPLACE FAULTY FLOOD LIGHT				
Area:		Rig Return Building - SCTSB	Activity:			Boom Lift Mobilization, Work at height (replace faulty light)	Date 13/2/2017			
Task Description		BOOM LIFT MOBILIZATION, WORKING AT HEIGHT								
Step	Activity	Hazard	Uncontrolled Risk			Control Measures	Residual Risk			
			H	M	L		H	M	L	
1.	Site preparation	<ul style="list-style-type: none"> Poor communication between work parties. Inexperience persons / lack of safety awareness Noise Vehicles Movement 		M		<ul style="list-style-type: none"> SEC employees shall have mandatory training. Work permit from the client, with all concurring parties signatures approval must be obtained prior to start of work and display at site Safety requirements stated on the work permit must be available on site and strictly followed Toolbox talk shall be conducted to all personnel on site & documented before start of work. Appropriate PPE shall be worn by all personnel at site. Ear protection shall be worn where required. Use of Certified Boom Lift Use of Approved/Trained license drivers. Vehicle movements on site shall be controlled by signal man Appropriate signage to be provided. 			L	

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2.	Replace faulty flood light (working at height)	<ul style="list-style-type: none"> short circuit cable can cause electrocution to the personnel 		M		<ul style="list-style-type: none"> Make sure all power sources to be isolated and the room to be locked out by the supervisor until the works finished 			L
3.	House keeping	<ul style="list-style-type: none"> Trips and fall Sharp Objects Equipment damage 		M		<ul style="list-style-type: none"> All waste generated shall be contained and disposed off in designated waste skips. Do not store materials/equipment inside the work area. Use Proper Personal protective equipment for handling of waste. All materials shall be removed from the site to a safe storage location immediately after the work. 			L