

JSA - CABLE TERMINATION

Job Step No.	Step Description	Hazards	Control Measure(s)	Responsible Person
1	Preparing cables	<ul style="list-style-type: none"> • Electric shock • Defective hand tools causing cuts 	<ul style="list-style-type: none"> • Test cables with approved test equipment to ensure that cables are electrically “dead” • Implement the lock out procedure when required • Lock out procedure to be implemented only by authorized persons and signed off in the sub-station permit book • Hazard awareness training by means of toolbox talks • Supervision by site supervisor • Inspections by safety office • Pre-use inspection by operator • Worn or blunt knife and saw blades must be replaced before use • Only knives with which the blade can be reversed into the knife casing will be permitted to be used • Only competent persons are permitted to use hacksaws and knives for the purpose of stripping cable • Use the correct technique, always cut away from the body • Keep hands behind the cutting edges • Use an assistant at all times • Hazard awareness training by means of toolbox talks • Supervision by foreman • Random inspections by safety officer • Correct P.P.E. to be worn at all times, safety boots, 	

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			overalls, gloves, safety glasses, hard hat	
2	Glanding Cables	<ul style="list-style-type: none"> Sharp edges and burrs on gland holes causing cuts Hand injuries Poor housekeeping practices 	<ul style="list-style-type: none"> Use a round file to remove any burrs or sharp edges Supervision and checks by foreman Use recommended P.P.E. when handling metal with rough edges, gloves at all times Hazard awareness training by means of toolbox talks Random inspections by safety officer Ensure that your hands do not slip when tightening the cable gland. Use the correct size spanner or gas pliers on the smaller size glands Use dedicated gland spanners on the larger size cable glands. Do not use stilson wrenches or adjustable spanners Hazard awareness training by means of toolbox talks Supervision by foreman Random inspections by safety officer Wear recommended P.P.E. at all times, safety boots, overalls, gloves, safety glasses, hard hat Cable off-cuts to be placed in a drum or a suitable container for disposal Daily inspections by foreman Random inspections by the safety officer 	
3	Pulling of cable on heights, trenches or along cable racks	<ul style="list-style-type: none"> Falling from heights 	<ul style="list-style-type: none"> People working on scaffold to wear safety harness and it is to be attached to the scaffold, structure or a lifeline at all times No-one is allowed to work on the scaffold or structure in rainy or wet conditions Ensure that sufficient people are available to handle 	



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		<ul style="list-style-type: none"> • Back Injuries • Hand injuries 	<p>the cable correctly and safely and to limit any unnecessary movements on the scaffold</p> <ul style="list-style-type: none"> • Hazard awareness training by means of toolbox talks • Routine inspection by supervisor • Random inspections by safety officer • When lifting lengths of heavy cables keep your back straight and bend your knees • Sufficient people must be available to handle heavy cables safely • Spread the load. Foreman to space the people evenly along the cable for ease of handling • On long runs of heavy cables, pull a loop of cable out onto the ground. Pull the loop out along the cable route. Repeat this operation as necessary until the entire length of cable is pulled out along the cable route • Proper P.P.E. must be worn when cutting cable, gloves, safety glasses, safety boots, overalls, hard hat • Only competent persons may use tools for cutting cable • Hazard awareness training by means of toolbox talks • Supervision by foreman • Inspections by safety officer 	
4	Removing cable drum from cable jacks	<ul style="list-style-type: none"> • Foot injuries 	<ul style="list-style-type: none"> • When finished with cable, screw cable jacks down to lower cable drum to the ground. Do not lift or drop cable drum to the ground 	



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			<ul style="list-style-type: none"> • Persons not involved with lowering the cable drum are to stand clear • Cable drums must be safely and securely stored away when finished with • Hazard awareness training by means of toolbox talks • Supervision by foreman • Inspection by safety officer • Correct P.P.E. to be worn, safety boots, overalls, gloves, hard hat 	

NOTE: Everyone performing this work shall sign to confirm their understanding of the work procedure, the hazards and control measures to be used