

John Henry Group	JHG Operations Method Statements	
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Document Owner: Head of Health & Safety	Approved By: HSEQ Director	

F-JHG MS39: Wrapping fibre on an earth wire through 220kv Duel Circuit Tower

Scope of Works

Wrapping fibre on an earth wire through 220kv duel circuit towers

Sequence of Works

- A linesman ascends the tower with a rope and block to the top in an approved manner.
- He attaches the rope to a suitable position on the tower close to the work position.
- Ground crew pull up the jib winch and it landed on top of the jib pole by the linemen
- The Fibre will be secured behind the spinning machine with a span end clamp. Enough slack should reel off to get to the other side of insulators.
- The locking pin on the spinner is disengaged and the spinner is fully rotated twice.
- The tug disconnected from the spinner
- The hook on the jib is attached to the spinner on the tugs lifting point
- A safety sling is attached to the lifting point on the tug and onto the tower before the tug is removed from the earth wire
- The tug is released and lifted off the line and swung around the tower to the opposite side and attached. The tug is pushed out to a position on the line leaving enough room for the spinner.
- The safety line is attached to the lifting handle on the spinner and connected to the basket. The safety gates are opened to allow the spinner to be removed from the line. The spinner is removed from the conductor and manoeuvred around.
- The tug and spinner are reconnected together.
- Insert safety pin
- Fit the bale hanger and clamps
- Rewind the slack fibre onto the spinner and engage the brake
- Adjust the counterbalance weights
- Complete final checks on all pins and fittings
- When the tug is started up check controls, drive the tug away under control.
- De rig Pole set, by lowering all equipment to the ground

Plant & Equipment and Certification Required

Operatives shall be fully trained and be in possession of calibrated equipment and correct PPE. All plant will be fully certified fit for use before any works proceed.

Rope and Block

Snatch Block

Hand tools

Lift Sling

Safety Sling

Jib Pole

Jib Winch

Staff Involved and Certification Required

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Only authorised personnel shall be permitted to carry out works. A minimum of two work team member will be on site at all times, no lone working permitted. Where required technical training is provided to staff on specific equipment, i.e. MEWPs training.

Access and Egress Points

Only permitted access/egress points will be used. Vehicles will be parked in a suitable location agreed with the site provider and Client Rep

Interface with Public

Access will be arranged pre-work and arrangements will be conveyed to the Supervisor/PDM through Contract Management. All required third party notification / procedures will be addressed by the Supervisor/PDM. Work area will be cordoned off to prevent unauthorized access. Appropriate signage will be erected, and a drop zone will be in forced prior to any climbing.

Signage:

Signage will be erected at suitable locations at the work area.

Working hours

Normal Working Hours will be 07.00-19.00. Where an emergency Call out is required the working hours may be altered to suit the customer requirements. This timing will be agreed between the project manager and the service provider.

PPE

Safety Boots, Helmet, Eye protection, Hi Vis Clothing, Gloves, Harness, Double Lanyard, Pole Rope, Sala Block