

STANDARD OPERATING PROCEDURE

Electric Line – Standalone Tripod



1. Purpose

The purpose of this procedure is to provide written instruction in rigging up and rigging down electric line equipment with a standalone tripod.

2. Scope

This procedure shall apply as the standard method for rigging up and down on a standalone tripod job.

3. Responsibilities

This procedure shall be performed by the Wireline crew.

4. References/Policies

- 4.1. Risk Assessment - Rig Up, RIH and POOH and Rig Down – TriPod.
- 4.2. Huracan HSEMP

5. Records and Review

This document will be reviewed annually from the date authorised (see footer).

6. Safety

- 6.1. All employees, contractors and others engaged to work for or on behalf of Huracan are responsible for taking 'all practicable steps' to protect their own health and safety and the health and safety of others by complying with the WHS Act 2011 and by adhering to all relevant legislation, company and client/customer safety requirements.

Safety Specific

- 6.2. A stand-alone TriPod does not have the ability to support pressure control equipment if **any potential** exists for pressure during the operation then the operation should be suspended until adequate equipment is in place for personnel protection and well integrity.

Procedures and Actions

7. Wellsite Operation

7.1. Pre-Job Procedure

- 7.1.1. Check depth and calculate maximum potential logging tension and ensure it is below maximum safe pull for TriPod (400 lbs).
- 7.1.2. Report to company representative on site and liaise regarding local site requirements, inductions and PTW requirements other HSE requirements.
- 7.1.3. Check head insulation and continuity.
- 7.1.4. Perform operational check of depth and tension devices.
- 7.1.5. Check equipment certification date and equipment condition.
- 7.1.6. Perform operational check of equipment to be run as per equipment specific operations manuals.

7.2. Rig Up – Tripod and Wireline Unit

- 7.2.1. Hold a pre-job safety meeting with all relevant personnel and review Risk Assessment - Rig Up, RIH and POOH and Rig Down – TriPod.
- 7.2.2. Assess well area for hazards and position logging unit.
- 7.2.3. Ensure the hole has a cover prior to proceeding.
- 7.2.4. Place Tripod sheave centered over the well head and secure with tieback chain.
- 7.2.5. Spool sufficient cable and connect tool and running equipment.
- 7.2.6. Perform final surface operational checks.
- 7.2.7. Erect barriers between the wireline unit and the TriPod to keep non-essential personnel away from equipment.

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7.3. RIH and POOH

7.3.1. Remove the hole cover.

7.3.2. Place the tool and in the hole. Calculate depth offset for zero reference and zero tool to the original drilling rig zero position.

7.3.3. Running in hole speed is defined by the potential risk associated with equipment getting stuck while running in hole. Position of all changes in internal diameter should be noted and the speed reduced to 10 m/min through these borehole characteristics. Maximum allowable speed is defined in the following table.

Hole	Direction	Depth	Max Speed	Max Tension
Cased	Down	0-30 m	10 m/min	90 %
Cased	Up	0-30m	10 m/min	110 %
Cased	Down	> 30m	120 m/min	75 %
Cased	Up	> 30m	120 m/min	125 %
Open	Down	> 30m	70 m/min	80 %
Open	Up	> 30m	70 m/min	120 %

7.3.4. Tension should be monitored at all times for sign of tension loss. In the event of loss of tension, pick up the tool and attempt to pass through it again.

7.3.5. In the event of the tool becoming stuck the engineer should pull to the maximum safe pull of the tripod and a call should be made to management to inform of this situation and a forward plan made.

7.3.6. Pull the tool to surface reducing speed to 10 m/min at 30m.

7.3.7. Once the tool is at surface recheck tool zero.

7.3.8. Remove the tool from the hole and replace hole cover.

7.4. Rig Down

7.4.1. Secure all equipment on Truck, Logging Unit and Workshop.

7.4.2. Re-check the area for any tools and equipment. Make sure all the tools/equipment are accounted for and properly stowed. Clean up all rubbish that is around the well and unit.

7.4.3. Return and sign off PTW. Complete field copies of logs as required. Complete field ticket; obtain the company representative's signature. Complete report as required.

7.4.4. Perform Journey Management as required.

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