



Southern Shield

Good/ Best Practice feedback

Nature of works

General Site Duties

Date of good practice note

08 / 09 / 20

Electric Telehandler



Description of the good practice

Use of an electric (battery powered) telehandler in place on the usual diesel powered telehandler.

What are the benefits?

- Reduced noise emissions.
- Reduced fossil fuel usage and fuel deliveries.
- Utilised mains power connection.
- Charging can continue safely overnight.
- 110V lead compatible - no need for additional cables.

Are there any drawbacks?

- Staff are used to hearing diesel powered plant, so the electric telehandler requires more input from banksman to warn others of plant movements. One suggestion from the banksman is the installation of a white noise beacon for the forward gear
- If in constant use, it may not be effective.
- Six-hour battery life and 13-hour charge time.
- Increase in hire cost compared to diesel powered 6 metre telehandler.

Supporting Information

<https://www.faresindustries.com/eng/products/telescopic-handlers/small-range/full-electric/6.26-full-electric>



Please send completed forms back to shield@networkrail.co.uk