



Low carbon rail construction

OVERVIEW

Challenging norms has led to a step change in rail construction, delivering dividends for the environment by driving down the use of fossil fuels and reducing harmful emissions.

Amey's management of construction works at Brent Cross was underpinned by carbon management principles. Working with our supply chain we identified fossil fuel-free alternatives to standard rail practice.

Changes included switching to:

- Battery powered tools
- Battery-powered generators
- Solar-powered site lighting
- Use of biofuels in site machinery
- Hybrid welfare facilities

BENEFITS

The team working at Brent Cross reduced their carbon footprint over the weekend works by 7,351kg of CO₂e – swapping 77% of their power tools to fossil fuel-free alternatives on their journey to net zero.

