



# Wind turbine foundation grouting & repairs

**Balvac**  
Balfour Beatty



### Our capabilities:

- Survey and testing of turbine bases
- Measurement of movement of embedded CANs
- Grouting of bolted flanges
- Embedded 'CAN' stabilisation
- Concrete repairs
- Vacuum assisted crack injection
- Joint sealing and waterproofing

Safe and secure foundations are essential for today's wind turbines that reach heights of up to 135 metres.

### Our expertise

We undertake all specialist works associated with the maintenance, repair, grouting and stabilisation of wind turbine foundations.

We provide bespoke technical solutions to help overcome complex problems. These solutions combined with our in-house management and delivery of works, by our own qualified, skilled and experienced workforce, ensures quality repairs are undertaken with minimal disruption to power production.

### Accreditations

- ISO 9001, ISO 14001 and BS OHSAS 18001
- Achilles UVDB – 061593
- Constructionline – 24407
- CHAS

### Memberships

- Concrete Repair Association
- Spray Concrete Association
- Corrosion Prevention Association
- CARES



Endoscope inspection of anchor ring



Injection packers fixed prior to embedded CAN stabilisation works



Repaired turbine base following embedded CAN stabilisation, concrete repair and resealing

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