OVERVIEW
Core provided grouting services as part of the installation of the bolted flange monopile – TP foundations for an offshore wind farm. The grout was installed in order to provide impact and corrosion protection to the foundations. Core used a high capacity continuous jet mixing unit to ensure consistent grout quality and speedy operations.

EQUIPMENT
• High capacity continuous jet mixer
• Offshore silos
• Inhibitor dosing system

SCOPE OF WORK
• 116 piles
• 4000 tonnes of material
• Water depth 19 metres
OPERATIONS

• Ordinary Portland Cement based grout was used on the project.
• A corrosion inhibiting additive was added to the grout during mixing.
• Grouting was carried out from the main foundation installation vessel.

• Grout quality was continuously monitored during each operation.
• Grout pumping was completed on average in 1 hour 15 mins.
• Associated technical support and project management was provided by Core.