

Pile testing



## Straininstall's Red Sea rig stability project

### Pile testing for Valentine Maritime

**Atrocious weather conditions made tough work of a Red Sea pile testing assignment for Straininstall Middle East project engineers Mahmood Ur Rahman Khan and Santosh Pappy Varghese.**

Pile dynamic testing involves taking instruments offshore to monitor the impact loads of piles - the steel tubes that are driven into the seabed to secure rigs in position.

In this important project for Valentine Maritime, Mahmood and Santosh - overseen by project manager Prasanth Anto - were undertaking a critical test to ensure the stability of a rig platform.

Due to take a month, the project ended up lasting over five due to the weather. Conditions were such that they often had to wait for long hours for the sea to calm down, and - because it was vital to make up time when it did - they had to be ready to resume work at all times of day and night.

*"Straininstall's strong marine connections put us in a very good position to win this work. We offer a quick response with a backup team and spare system to minimise delays - other than those caused externally, such as the weather. Valentine Maritime were also already familiar with the high quality of our work."* - **Mike Shaw, General Manager at Straininstall Middle East**

#### Features/benefits:

- Monitoring impact loads of piles
- Testing to ensure stability of a rig platform in the Red Sea
- Full pile testing service
- Flexibility and availability for the full project completion - due to take one month but lasting more than five months due to extreme weather conditions
- Delays minimised as much as possible despite poor weather
- Marine expertise from a world-leading load measurement and monitoring company in Straininstall



Straininstall's team of experienced engineers operate from offices in Europe, Malaysia, UAE, Qatar and Singapore

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