

Project Location:

Jebel Ali, UAE

Main Contractor:

Dutco Balfour Beatty

Engineer:

AECOM, CH2M

Client:

Dubai World Port

Project period

Dec 2015 – March 2017

Method Applied:

17,000,000 m³ Vibro
Compaction to 14 m depth.
Up to three TC1 Tandem rigs
with B41 vibroflots installing
vibro compaction in a
5.20 m triangular grid.

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Technical Requirements:

Supply bearing capacity and prevent liquefaction in an earthquake.



Two TC1 Tandem Rigs with B41 vibroflots



Typical Tandem setup on crawler crane

Quality Control Testing:

Cone Penetration Testing (CPT) before and after compaction.