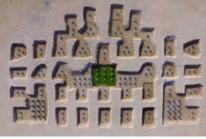
FOUNDATION ENGINEERING & GROUND IMPROVEMENT NFPC Mega Plant at KIZAD Sector KHIA8, Plot 65, Khalifa Industrial Zone

INDUSTRIAL • CONTINUOUS FLIGHT AUGER (CFA) PILES • RAPID IMPACT COMPACTION (RIC)









Client National Food Products Company (NFPC)

Consultant National Engineering Bureau

Main Contractor NSCC International

Location Abu Dhabi, UAE

Start Date March 2016

Completion Date July 2016

Project Details

<u>Main Piles</u> 750 mm dia. piles Drilling depth Total length drilled	: 2,195 nos. : 6.3 m : 15,418 LM
Static pile load tests Non working load tests Integrity tests	: 43 nos. : 5 nos. : 2,195 nos.
Concrete volume Reinforcement steel Caps excavation volume	: 7,670 m³ : 610 tons : 51,000 m³
Rapid Impact Compaction (RIC) : 280,000 m ²	
Import from borrow pit, spread and level of fill material	: 450,000 m ³

This 752,000 sqm mega facility will comprise a 5-gallon water bottling plant, dairy, juice and small water bottling plant, as well as a waste water treatment plant, 10,000 sqm office building, 2,800 sqm central district cooling plant, fully automated packaging factory, recycling plant and an automated cold store.



nscc International