



Client requested the possibility of introducing a Jacuzzi to third floor post-tension slab resulting in having a additional load that was not accounted for in the design stage.

Freyssinet made a complete analysis and found that client request can be meet through strengthening with CFRP reinforcement to accommodate the new load imposed to the slab.

The application of the technical solution and slab cut, CFRP reinforcement installation as per the design requirement.

Repairs

Strengthening of Third Floor Slab Due to Additional Loading

Nation Towers

Abu Dhabi - UAE



Client

IPIC

Consultant

KEO

Contractor

Arabtec

Construction

July 2012