

After fire that occurred at end of construction stage of the tower, Freyssinet has been requested to assess the structural damages and realize a damage mapping of the 24 floors of the Service Apartment part of the building.

Freyssinet brought its expertise through its concrete diagnosis experts from France and its local experience in assessment after fire.

The deliverable was made of:

- Concrete and steel diagnosis report based on on-site investigation (damage mapping, sampling) and laboratory tests results (Compressive strength, tensile strength, ultra-sonic measurement, microscopic observation, X-Ray diffraction analysis and scanning electron microscope observations)
- Freyssinet repairs recommendation based interpretation of report, site constraints and local expertise in repairs and strengthening work

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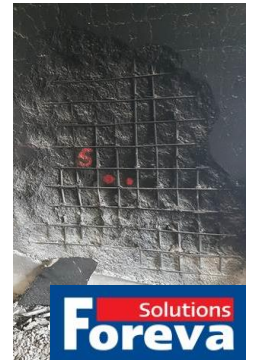
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Repairs

Structural assessment work after fire

Abu Dhabi Trade Center, Abu Dhabi



Solutions
Foreva

Client

SSPD

Consultant

Khatib & Alami

Contractor

Ghantooth Group

Execution

Nov – Dec 2016