

Project dossier



PROJECT DOSSIER

Doha Marriott Hotel, Qatar

PROJECT OVERVIEW

Doha Marriott Hotel, formerly known as Gulf Hotel, is an iconic heritage structure in Doha, Qatar, built in 1973. The hotel is a 5 star 378-key resort hotel located near the airport and business district in South-West part of Doha, with a total built-up area of 62,775 m².

Katara Hospitality, a global hotel owner, developer and operator, based in Qatar wanted to renovate the Hotel to celebrate the heritage of Qatar and to bring back the original iconic identity of the building. UrbaCon Trading & Contracting were appointed as the contractor for Doha Marriott Hotel renovation.

The project included a first time ever full property re-imagination since it opened its doors on the Doha Bay. It included complete renovation master plan, rehabilitation, expansion, reconstruction, and introduction of new facilities. New construction included two blocks of 7 and 11 floors, a podium, underground parking, Marina building with parking, day-use cabins, multiple pools, ancillary buildings and landscaping.

Project	Doha Marriott Hotel Revamp Project
Location	Doha, Qatar
Client	Katara Hospitality
Contractor	UrbaCon Trading and Contracting (UCC)
Consultant	Qatar Project Management (QPM)
Duration	2019-2021



SCOPE OF WORKS

Encardio-Rite scope of works included:

- Pre and post construction building condition survey for existing structures
- Supply and installation of instrumentation
- Manual monitoring and reporting of data.

INSTRUMENTS USED

A number of Model EDJ-40C mechanical type surface mounting uniaxial crack meters were used to monitor the change in width of the existing cracks on the four existing structures.

The crack meter installation locations were selected based on the pre-construction building condition survey report. Data was collected manually by our team in Doha, Qatar at desired intervals during the piling and construction activities.

The installation of crack meters was bit challenging as the buildings were quite old with uneven outer surface.

RESULTS

The pre-construction, post-construction building condition survey report along with the crack monitoring data report enabled smooth work progress. It helped the contractor be aware of the structural health of structures falling within the zone of influence of construction, and be assured that they are not being impacted by the ongoing piling, excavation and other construction activities in the vicinity.



Model EDJ-40C Crack meter installed



TUNNELS



HYDROELECTRIC



CONSTRUCTION



STRUCTURAL



METRO & RAIL



BRIDGES



MINING