

CENTARA Deira Islands Beach Resort (LG+G+9)


| Description | Possible Points | Achievable Points |
|-------------------------------|-----------------|-------------------|
| SUSTAINABLE SITES | 26 | 05 |
| WATER EFFICIENCY | 10 | 08 |
| ENERGY AND ATMOSPHERE | 35 | 13 |
| MATERIALS AND RESOURCES | 14 | 05 |
| INDOOR ENVIRONMENTAL QUALITY | 15 | 12 |
| INNOVATION AND DESIGN PROCESS | 6 | 01 |
| REGIONAL PRIORITY | 4 | 04 |
| Total | 110 | 48 |

Date of Certification: April 2023

BENEFITS

- **41%** reduction in overall water usage.
- **23.7%** energy cost savings.
- Total waste diverted from landfill is 168 Tons which is **76%** of the total waste generated during construction.
- **16.88 %** Materials Use with Recycled Content.
- **28.67%** Regional Materials Use.

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THE TEAM

| | |
|---------------------------|---|
| Owner | NAKHEEL CT DEIRA ISLANDS HOTEL - FZCO |
| Architectural Consultant | Dar Al Handasah (Shair & Partners) |
| MEP Consultant | Dar Al Handasah (Shair & Partners) |
| Contractor | PARKWAY INTERNATIONAL CONTRACTING (L.L.C) |
| Green Building Consultant | Dar Al Handasah (Shair & Partners) |
| LEED AP | Samer Alhmdan |
| Commissioning Authority | Bilfinger Tebodin Middle East Ltd. |

PROJECT BACKGROUND

Centara Deira Islands Beach Resort is located at Nakheel's Deira Islands master development, one of Nakheel's large-scale coastal projects in Dubai and it features, in addition to hotels, the Deira Mall retail and entertainment complex.

"Centara Deira Islands Beach Resort" is one of the largest hospitality projects in Dubai with a built-up area of 63,878 sq. meters. Centara Deira Islands Beach Resort is designed to enclose main hotel building in addition to group of ancillary Buildings and facilities as mentioned below:

- Theme waterpark & lazy river.
- Garden floor includes indoor parking, restaurant & BOH areas.
- Lobby level includes reception, lounges, administration & meeting rooms.
- 7 typical floors for Guestrooms.
- 8th floor includes roof top restaurant in addition to Guest rooms.
- 9th floor includes suites.
- Roof Floor and Upper Roof.

The design of the facility was analysed point by point with respect to the Green Building requirements and changes have been made through and iterative process involving the entire design team and all the stakeholders. During Construction, Green Building requirements were implemented by Contractor in collaboration with Consultant, sub-contractors and the supply chain.