

Avani Ibn Battuta Dubai Hotel

G+2P+17+R+UR Hotel Building








Plot No.: IBS004, Jebel Ali, Dubai

dar



EHS IN-HOUSE CERTIFICATION SCORECARD

Regulation GB 4.0 Green Building Regulations (LEED-NC v3.0)

Total	55/110
 Sustainable Sites	19/26
 Water Efficiency	03/10
 Energy & Atmosphere	13/35
 Materials & Resources	02/14
 Indoor Environmental Quality	12/15
 Innovation in Design	02/06
 Regional Priority	04/04

PROJECT FACTS

Green Building Certification: EHS In-House

Built-up Area: 26,100 Sq.m.

Completion Date: 9th December 2019

Date of Certification: 20th August 2020



KEY BENEFITS

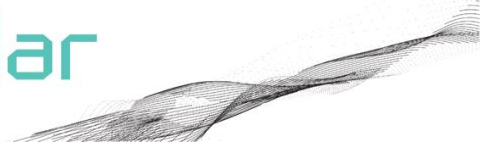
- Savings in Energy use 23.06%
- Reduction in Indoor Potable Water use 36.00%
- Reduction in Sewage Conveyance 40.00%
- Usage of Building Materials with Recycled Content 10.07%
- Usage of Regional Building Materials 11.91%
- Regularly occupied spaces with views 92.35%

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PROJECT BACKGROUND

Avani Ibn Battuta Dubai Hotel is a 360 rooms development located next to Ibn Battuta Mall. Additionally, the building houses an all-day dining restaurant and a pool bar. The project is within walking distance to Dubai Metro. The project has achieved Green Building Silver Certification from EHS/Trakhees.

PROJECT PROFILE

Sustainable Sites:

- The building is located next to Dubai Metro thus providing easy connectivity for the occupants.
- Ibn Battuta Shopping mall is within close vicinity of the project and thus provide access for basic needs of the building occupants.
- Provision of preferred parking for Low-emitting & Fuel-efficient vehicles and Car pools to reduce pollution and land development impact from automobile use
- Roofing and Hardscape materials with high solar reflective index values are installed to reduce heat islands in order to minimize adverse impact on microclimate and human and wildlife habitats
- Majority of the car parking spaces is under cover to reduce heat islands in order to minimize adverse impact on microclimate and human as well as wildlife habitats

Water Efficiency:

- Installation of high efficiency water fixtures to reduce overall potable water consumption
- Installation of high efficiency water closets and urinals to reduce sewage conveyance.

Energy & Atmosphere:

- All the refrigerants used in the building AC systems are CFC free
- Installation of efficient lighting fixtures
- Solar water heating system is installed to meet the demands of hot water.
- Installation of high efficiency HVAC equipment controlled through building management system (BMS) to maximize efficiency
- Automatic lighting controls are provided in non-regularly occupied spaces and for external lights

Materials & Resources:

- More than 10% of building materials with recycled content were used in construction
- More than 11% of regional materials were used in construction

Indoor Environmental Quality:

- AC and Ventilation system is designed in line with internationally recognized standards for better indoor air quality and comfort.
 - Use of VOC compliant adhesives, sealants, paints, coatings, carpets and other Interior finishes to provide improved indoor air quality for building occupants
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PROJECT TEAM

Owner	: Nakheel Malls L.L.C.
Architectural & MEP Consultants	: Dar Al Handasah (Shair & Partners)
Main Contractor	: Parkway International Contracting
Green Building Consultants	: Dar Al Handasah (Shair & Partners)
Commissioning Agent	: Global Tech Safety & Environmental Consultancy
