WINK HOTEL SAIGON CENTRE

GREEN BUILDING GUIDED TOUR
WHAT IS LEED?

- Leadership in Energy and Environmental Design
- Widely used global green building rating system in the
- Applies to buildings, community sites, and homes
- Creates healthy, highly efficient and cost-saving green buildings
- A globally recognized for sustainability
EDUCATIONAL GUIDED TOUR

This educational program is aimed at a wide range of target audiences such as the public, media, professionals, suppliers and students, etc.

This guided tour program was developed to focus on sustainable buildings in the hotel industry, using Wink Hotel Saigon Centre as an example or case study.

A schedule of educational tours including lectures has been proposed since the project’s early stages. During the project’s construction stage, a number of educational activities and presentations were organized and delivered to various types of stakeholders.
LEED CREDIT SUMMARY
**Wink Hotel Saigon Centre Credit Summary**

<table>
<thead>
<tr>
<th>No.</th>
<th>Category</th>
<th>Certified</th>
<th>Remark</th>
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<td>Location and transportation</td>
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<td>Sustainable sites</td>
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<td>Energy and atmosphere</td>
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<td>Regional priority</td>
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**TOTAL SCORE**  
60

Total score for design stage  
51

Total score for construction stage  
9
SUSTAINABLE FEATURES
HEALTHY ECOSYSTEM

Landscape & Irrigation
- Climate-adapted plants
- Low and medium water demand
- Use 100% condensate water for irrigation
- No potable water needed for irrigation

LESS WATER CONSUMPTION

Indoor Water Use
- Water-efficient fixtures
- 48% indoor water use reduction
- Install meters for all water systems
- Monitor and track water consumptions
ENERGY SAVINGS
- Energy cost-saving: 27%

HVAC SYSTEM
- Energy-efficient HRV system
- High efficiency VRF system
  - Better environmental stability
  - Initial investment costs reduction
  - Low maintenance and operation costs
  - Easier operation
  - Ozone depletion reduction (R-410)c

LIGHTING FIXTURES
- All lighting fixtures are LED type.

LIGHTING CONTROL
- Lighting in hotel guest rooms are controlled by Room Control Unit system connected to BMS.
- Lighting in stairs, parking, common toilets are controlled by motion sensor.
- Lighting in office areas are controlled by occupancy sensor.
- Exterior lighting is controlled by timer and BMS.
BUILDING ENVELOPE

GLAZING

➢ double-glazing system
➢ low-E coating
➢ low thermal transmittance (U-value)

EXTERNAL WALL

➢ AAC blocks with low thermal transmittance (U-value) to reduce heat transferred to indoors

BENEFITS

➢ solar radiation reduction
➢ artificial lighting demand reduction
➢ cooling demand reduction
SUSTAINABLE FEATURES

HVAC SYSTEM

FRESH AIR SUPPLY
➢ Install PAU system to supply fresh air for all occupancy spaces
➢ Installing filtration media with class F8 in PAU system that supplies outdoor air to occupied spaces

FRESH AIR INCREASE
➢ Ensure Indoor Air Quality through increasing outdoor air ventilation rates to all occupied spaces by at least 30% above the minimum rates.
SUSTAINABLE FEATURES

HEALTH & COMFORT

DAYLIGHTING
➢ Install shading on façades to reduce glare for regularly occupied areas
➢ Provide manual blinds for regularly occupied areas
➢ Provide daylighting for 90% regularly occupied areas

QUALITY VIEWS
➢ Provide quality views for above 90% regularly occupied
SUSTAINABLE FEATURES

HEALTH & COMFORT

NO-SMOKING POLICY
➢ Prohibit smoking in all areas
➢ No-smoking policy
➢ No-smoking signage system

TRANSPORTATION
➢ Bicycle storage for both occupants and visitors
➢ Shortest walking distances to all entrances

TRANSPORTATION
➢ 5% of parking spaces for green vehicles
➢ 5% of parking spaces for carpool
➢ 5% of parking spaces for electric vehicle supply equipment
...because you get it