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GREEN BUILDING - ADVANTAGES & FEATURES.

- Energy efficient equipment for air conditioning and lighting systems.
- Use of on site renewable energy.
- Measurement and verification plan to ensure energy & Water savings.
- Reduction of building footprints to minimize the impact on environment.
- Installation of high efficiency irrigation methods
- Selection of vegetation, which have low water consumption.
- Controls and building management systems.
- Recycling of construction debris to other sites.
- Use of building materials having a high recycled content.
- Use of rapidly renewable materials.
- Declaration of site as "Non-smoking" area or have designated area of smoking.
- Providing daylight and views for the occupied areas.



CIDC Certification

Green building **CIDC Rating**

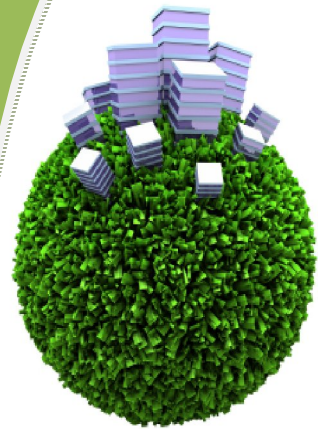
Assessing how Green you are !

Launched by Shri. Vilas Rao Deshmukh,

Hon'ble Minister of Science and Technology & Earth Sciences , Govt of India

CIDC Rating for GREEN BUILDING

Come to us and know how green you are.....



Construction Industry Development Council (CIDC) has established a green rating framework for conducting a holistic analysis on complete life cycle considerations.

Provides building owners, architects, consultants, developers, facility managers and project managers the tools they need to design, construct and operate green buildings.

Promotes a whole-building approach to sustainability by recognizing performance in the following five key areas: Sustainable site development, Water savings, energy efficiency, Materials selection and Indoor Environmental quality

CIDC Green Building Rating System is structured in a manner that it can function as a standalone rating system or as an addendum to existing rating systems to correct the highlighted anomaly.

It covers all the three stages of building products, receiving, using, and then disposing. The rating framework has six categories covering different aspects of the construction activities. These range from Non-Polluting Construction Works, Water Conservation, Embodied Energy Investments, usage of Locally Manufactured Materials, Construction & Post Construction Phase Energy Expenses & Recoveries, and finally Recycling of Wastes.

SALIENT FEATURES

- Minimal disturbance to landscapes and site condition
- Use of Recycled and Environmental Friendly Building Materials.
- Use of Non-Toxic and recycled/recyclable Materials.
- Efficient use of Water and Water Recycling
- Use of Renewable Energy
- Indoor Air Quality for Human Safety and Comfort
- Effective Controls and Building Management Systems

GREEN

The term "Green" refers to environmentally friendly practices from building design to the landscaping choices.

It also Optimist & Economic energy use, water use, and storm water and west water reuse.

The terms "Green Building" apply not just to products, but to construction strategies, building design and orientation, landscaping, building operations, maintenance, And more.

The less impact a building has on human health and the environment, the more green it is.



GREEN BUILDING BENEFITS

- ✓ Reduction in Life cycle cost.
- ✓ Health and safety of building occupants.
- ✓ Incorporate latest techniques and technologies.
- ✓ The most tangible benefit is in reduction of operating energy and water costs right from day one during the entire life cycle of the building.



GREEN BUILDING.....

Building the future with intention.....

"What's the use of a house if you haven't got a tolerable planet to put it on?"
-Henry David Thoreau

WHATS YOUR GREEN SCORE ?

WHAT'S DIFFERENT?

The green building rating developed by CIDC considers the complete life cycle of building for rating. This rating takes in to account the energy embodied in material and energy spent in transporting the same .

Popular rating systems in the market miss out initial parts of Life cycle sections and miss out the energy expenses incurred in material production and their transportation to project sites post manufacture.

All buildings scoring less than 40-50% in traditional systems do not have any ratings. Against this the CIDC rating system is structured as a 0-10 star rating system which make it more articulate and sensitive rather than groupings

GREEN BUILDING ATTRACT AS

Operational Savings:

Buildings consume at least 40-50 % less energy and 20-30 % less water vis-à-vis a conventional building.

Daylights & Views:

Working in environment with access to daylight and views provides connection to the exterior environment.

Air Quality:

Green buildings are always fresh and healthy. The green buildings use interior materials with low volatile organic compound (VOC) emissions.

GREEN BUILDING

"A green building uses less energy, water and natural resources, creates less waste and is healthier for the people living inside compared to a standard building".