



**Green Buildings** are designed to reduce the overall impact of the built environment on human health and the natural environment by efficient use of energy, water, and other resources, protecting occupant health, improving employee throughput, reduced waste & pollution generation.

Category	Credit Elements	EB	I	E	A	CE
Sustainable Sites (8)	Erosion & Sedimentation Control in the project, plants & construction area	√	√	√	√	√
	Site Selection –appropriate for airport construction	√		√	√	√
	Development Density & Community Connectivity	√		√	√	√
	Alternative Transportation, Public Transportation Access	√		√	√	√
	Alternative Transportation, Low Emission & Alternative Fuel Refueling Stations	√	√	√	√	√
	Alternative Transportation, Parking Capacity	√	√	√	√	√
	Reduced Site Disturbance, Development Footprint	√	√	√	√	√
	Storm water Design, Quality Control	√	√	√	√	√
	Heat Island Effect, Non-Roof	√	√	√	√	√
Water Efficiency (6)	Water Efficient Landscaping, No Potable Water Use, No Permanent Irrigation	√	√	√	√	√
	Water Efficiency in Air-conditioning System	√	√	√	√	√
	Innovative Wastewater Treatment and Processing Technologies	√	√	√	√	√
	Water Use Reduction, Reduction - use of low flow and flush water fixtures and grey water reuse, use of dual flush for water closets	√		√	√	√
Energy & Atmosphere (3)	Fundamental Building Systems Commissioning	√	√	√	√	√
	Minimum Energy Performance	√	√	√	√	√
	CFC Reduction in HVAC&R Equipment	√		√	√	
	Ozone Depletion – No HCFCs or Halons	√		√	√	
	Performance Measurement, Verification & Calibration	√		√	√	√
Materials & Resources (6)	Storage & Collection of Recyclables	√	√	√	√	√
	Construction Waste Management, Divert from Disposal	√	√	√	√	√
	Recycled Content	√	√	√	√	√
	Regional Materials use	√	√	√	√	√
Indoor Environmental Quality (12)	Minimum IAQ Performance, Outdoor Air Delivery Monitoring, Increased Ventilation	√	√	√	√	√
	Environmental Tobacco Smoke (ETS) Control	√		√	√	
	Construction IAQ Management Plan, During Construction, After Construction & Before Occupancy	√	√	√	√	
	Low-Emitting Materials, Adhesive & Sealants, Paint and Carpet	√	√	√	√	√
	Low Emitting Materials, Composite Wood & Agrifiber products	√	√	√	√	√
	Indoor Chemical & Pollutant Source Control	√	√	√	√	√
Innovation in Design (5)	Recycled Content Use	√	√	√	√	√
	Water Use Reduction by reuse of treated water for flushing and installation of dual flush water closets & low flow water fixtures.	√	√	√	√	√
	Planting and subsequent maintenance / protection of trees around water bodies in New Delhi	√	√	√	√	
<b>EB - Environmental Benefit; I – Innovation; E- Effectiveness; A- Airport Applicability; CE - Cost Effectiveness.</b>		<b>LEED GOLD NC</b>				

### LEED Overview's

Integration of **Leadership in Energy and Environment Design** New Construction (LEED-NC) criteria's from concept to operation of The Green Building –Terminal 3 and its ancillary infrastructures is to achieve **Sustainability and Environment Friendly** airport operation.

The IGI Airport is provided with **innovative features** in Sewage Treatment Plant, Water Treatment Plant, Bridge Mounted Equipment, Fuel Hydrant Systems, Public Accesses and Operational Infrastructure from right site selection, master planning, design & verification, commissioning and operation of Terminal 3.

Terminal 3 at IGIA is spread over a total floor area of **5.5 Lac** square meters.

The terminal pays meticulous attention to **indoor environmental quality**.

**Daylight** is a primary focus of the terminal's design, striking a careful balance between the benefits of exterior light and undesirable glare.

**Non-volatile organic compounds** Adhesives, sealants, paints and carpets