



Confederation of Indian Industry



Indian Green Building Council

GREEN

BUILDINGS OF INDIA

SHAIRU GEMS

Green Certification : Gold

Key Green Features



Building Design : Wall made of 200mm fly ash based concrete block. Glazing provided with SHGC of 0.43. Tiles with SRI more than 100 on roof.



Renewable Energy : Solar Photo Voltaic system of 25 kWp capacity has been installed to generate around 1.4 Lacs of units annually.



Energy Efficiency : AHU and Pumps with Variable Frequency drives. Building Management system integrated with all controls and energy & water sub-meters. Thermostat based control mechanism for Temperature control.

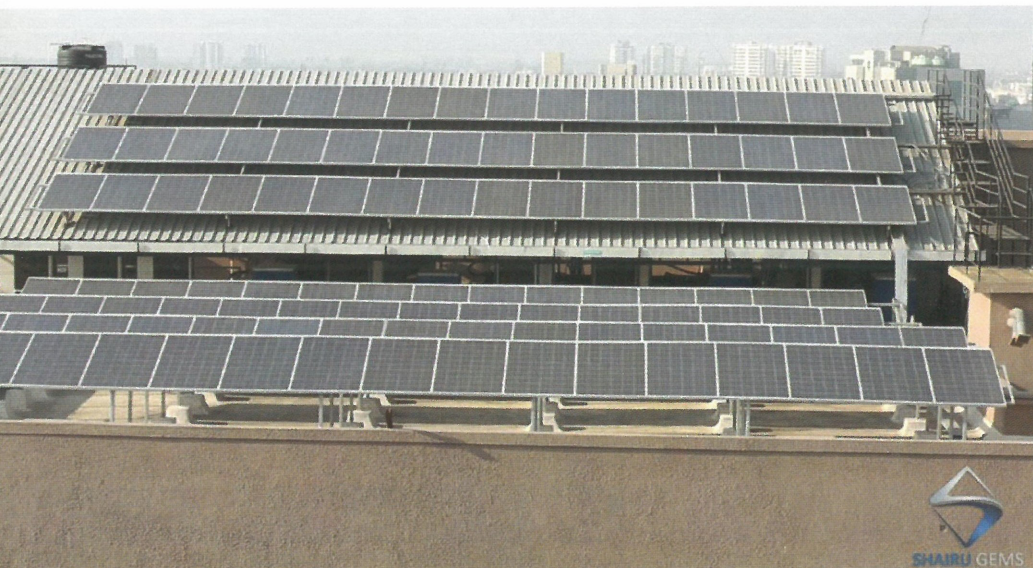
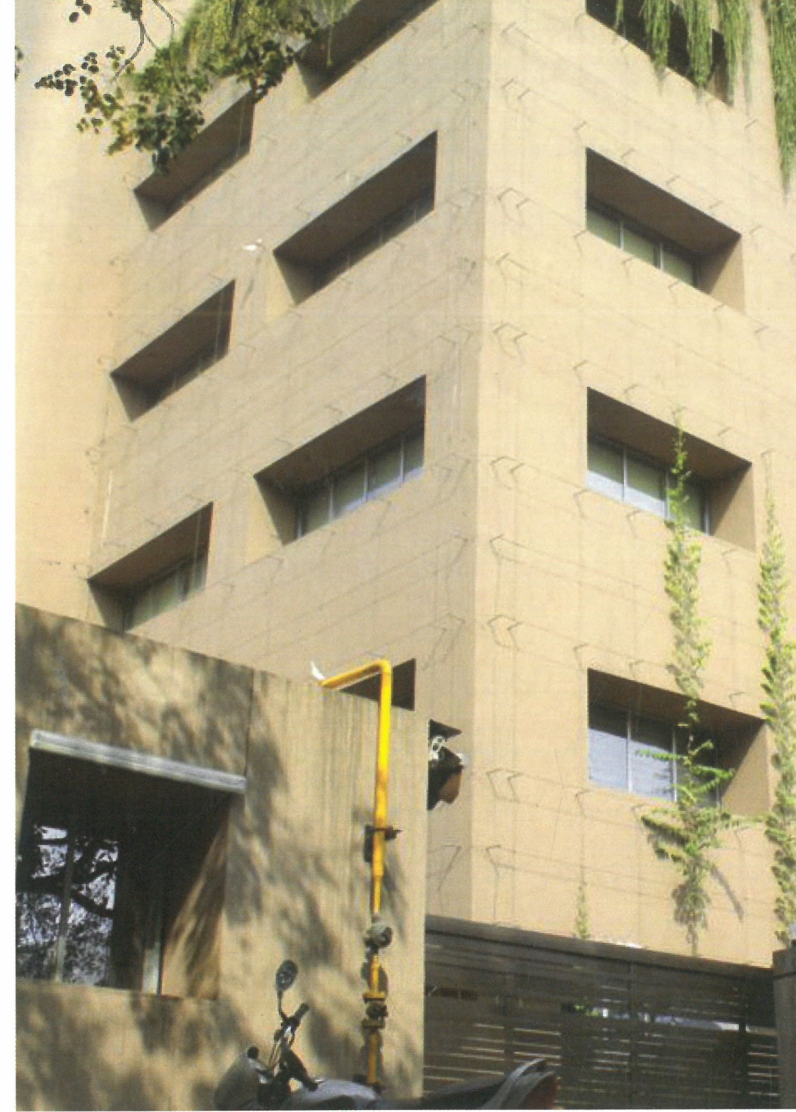


Site Sustainability : Landscape has been provided in Horizontal surface and Vertical surface.



Material : Use of Low VOC adhesives & sealants and composite wood and agrifiber products during construction.

Water Conservation : STP treated waste water used for the highly efficient Drip Irrigation system & Cooling Tower. Low flow flush fixtures installed. Rain water harvesting.



The Management of Shairu Gems being committed to sustainability and firm believer of Sustainable Development decided to incorporate all the sustainable Green Features in this New Project Building and is now a happy achiever and a partner to many who believe in sustaining the Eco System and Earth Resources.

Shairu Gems Diamonds Private Limited





Promoter - **Shairu Gems Diamonds Pvt. Ltd.**
Location - **Surat, Gujarat**
Site Area - **0.6 Acres** ; Built up Area - **11,517 SF**
Architect - **Snehal Shah**
Green Building Consultant/ Electrical Consultant- **LEAD Consultancy and Engineering Services Private Limited**
HVAC Consultant- **Air Design Engineered Solutions**



Great green journey for us and we enjoyed working with great team of professionals for making this project to achieve the gold rating, first of its kind for a diamond manufacturing facility in the country.

Lead Consultancy, Green Building Consultants



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