

SALIENT FEATURES (LGSF & PRE-ENGINEERED STEEL SYSTEM)

- LGSF has high strength to weight ratio. Due to light weight, significant reduction in design earthquake forces is achieved. Chance of progressive collapse is marginal due to highly ductile and load carrying nature of closely spaced studs/joists
- Fully integrated computerized system with Centrally Numerical Control (CNC) machine primarily employed for manufacturing of LGSF sections provide very high Precision & accuracy upto 1 mm
- The speed of construction is very high.
- Structure being light, does not require heavy foundation
- Structural element can be transported any place including hilly areas to remote places easily and structure can be erected fast
- Structure can be shifted from one location to other without wastage of materials
- With LGSF, the load bearing construction upto G+3 can be designed, however stories higher than G+3, Pre-engineered steel (Hot rolled) need to be employed as primary structural member.
- Buildings with high span, Pre-engineered steel (Hot rolled steel) sections are preferred.
- Steel sections are manufactured in factory under strict quality control, which brings quality & resource efficiency
- Steel used can be recycled multiple times

SALIENT FEATURES (INSULATED SANDWICH PANELS)

- Can be designed for any thermal, structural, acoustics and Fire performance.
- High level of design flexibility
- Panels are airtight & weather resistant.
- Pre-engineered, modular in size & facilitates quick installation.
- Easy to dismantle and transport from place to place as per the requirement.



Hot Rolled Steels



Cold Formed Steels



Framings



ECONOMIC ASPECTS

- Reduced construction time.
- Lower building maintenance cost.
- Lower operational energy cost due to insulated sandwich panel.

SUSTAINABILITY ASPECT

- Extended Building Life span.
- Insulated sandwich panels brings improved thermal efficiency resulting in lower operational energy consumption
- Less waste generation during building construction process.
- Both Steel & sandwich panels are 100% recyclable

SUITABILITY AND AVAILABILITY

- Suitable for all kind of climates.
- Providing Services Pan India.

LIMITATIONS (IF ANY)

- The labors are required to be trained for fabrication/assembly works
- Plumbing & electrical services need to be pre-planned



MARKET LINKAGES

Available across country.

MAJOR PROJECTS

- Terminal Building Construction for Hindon Airport, Darbhanga Airport, & Chitrakoot Airport, in Ghaziabad, Dharbhanga, Chitrakoot respectively for Airport Authority of India.
- G+5 Commercial Building in The Janpath Hotel for CPWD in New Delhi
- G+5 School Building for Aster Public School in Greater Noida
- Logistics Park for AVG Logitics in Agartala
- Industrial Shed for Jupiter Laminators in Sonipat
- IT Park for Perfect IT in Noida
- Complete Site Infra Solution for L&T in Mumbai

CERTIFICATIONS/INDIAN STANDARD/ENDORSEMENT

- GRIHA
- ISO 9001, ISO 14001
- Quality Management System
- Environment Management System

