

COMPANY PROFILE





TECHGENICS GROUP

PRE-ENGINEERED BUILDINGS (PEB) | INDUSTRIAL SHEDS |
HEAVY STRUCTURE FABRICATION & ERECTION
Design • Detailed Engineering • Fabrication • Erection

COMPANY PROFILE
Techgenics Insight Engineering & Consulting Pvt. Ltd. (TIECPL)
Registered Office: Jamshedpur, Jharkhand, India



ABOUT US

Techgenics Insight Engineering & Consulting Pvt. Ltd. (TIECPL), operating as the Techgenics Group, is a Jamshedpur-registered engineering organisation delivering complete, single-window solutions for Pre-Engineered Buildings (PEB), heavy structural fabrication, and industrial steel structures.
Since 2022, the Group has built its practice around the full project lifecycle — structural design and detailed engineering, structural analysis, workshop fabrication, quality inspection, and site erection — for shed and steel-structure projects across infrastructure, heavy industry, commercial, and process-plant sectors.
The Group brings together engineering design capability, in-house structural analysis, fabrication expertise, and site execution experience under one roof, allowing clients to move from concept and BOQ to a quality-checked, certified, fabricated, and erected structure through a single accountable partner, rather than coordinating multiple vendors.

Heavy Structural Fabrication & Erection
Techgenics Group undertakes heavy structural fabrication and erection for a wide range of industrial and commercial applications, including:

- Industrial Heavy Structure Fabrication & Erection
- Commercial Multi-Storey Steel Structure Fabrication & Erection
- Multi-Storey Industrial Steel Structure Fabrication
- Conveyor Support Structure Fabrication & Erection
- Conveyor Gallery and Supporting Steel Structures
- Industrial Equipment Support Structure Fabrication & Erection
- Equipment Platforms, Access Platforms and Maintenance Structures
- Pipe Rack and Utility Support Structures
- Heavy-Duty Structural Frames and Equipment Supporting Structures
- PEB and Industrial Shed Structural Fabrication & Erection
- Steel Platforms, Staircases, Walkways and Structural Accessories

Fabrication and erection activities are carried out with emphasis on dimensional accuracy, welding quality, structural alignment, connection quality, material traceability, and site safety. Structural components are inspected at appropriate stages of fabrication and erection, with quality verification and structural inspection supported by qualified/certified Chartered Structural Engineers, wherever applicable to the project requirements.

This integrated approach enables Techgenics Group to provide clients with a complete engineering-to-execution solution, covering Design → Engineering → BOQ → Fabrication → Quality Inspection → Transportation → Erection → Final Structural Verification.

The Group brings together engineering design capability, in-house structural analysis, and execution experience under one roof, allowing clients to move from concept and BOQ to a certified, erected structure through a single accountable partner rather than coordinating multiple vendors.



MISSION

Our mission is to provide complete, single-window engineering and execution solutions that take projects from concept and design through fabrication, quality inspection, and site erectionTo deliver integrated, quality-driven engineering and execution solutions for industrial, infrastructure, commercial, and process-plant projects, combining engineering expertise, structural analysis, precision fabrication, professional quality assurance, and reliable site erection to create safe, efficient, and durable steel structures.

VISION

To become a trusted engineering and execution partner for industrial, infrastructure, commercial, and process-plant projects, recognised for delivering technically sound, quality-driven, and reliable solutions across structural engineering, PEB, heavy steel fabrication, and erection.

We aim to build long-term client relationships by combining engineering expertise, advanced analysis, precision fabrication, disciplined project execution, and professional quality assurance under one integrated platform.





OUR SERVICES

1.Single-Window Lifecycle Execution

The Group brings together engineering design capability, in-house structural analysis, fabrication expertise, and site execution experience under one roof. This allows clients to move from concept and BOQ to a quality-checked, certified, fabricated, and erected structure through a single accountable partner, rather than coordinating multiple vendors.

2.Heavy Structure Fabrication and Erection

Techgenics Insight Engineering & Consulting Pvt. Ltd. (TIECPL) delivers complete, single-window solutions for heavy industrial structural fabrication and field erection across infrastructure, process plant, and heavy industry sectors.

3. Comprehensive Conveyor Engineering & Fabrication

The Conveyor Structures & Fabrication scope covers precision workshop manufacturing and structural assembly built to withstand demanding industrial environments. The Group fabricates robust conveyor gallery structures, elevated support gantries, trestles, and multi-level transfer towers designed to support high-capacity loading. Precision manufacturing extends to essential mechanical and flow-control components, including heavy-duty idler frames, drive pulleys, snub pulleys, custom transfer chutes, wear liners, and receiving hoppers engineered to minimize material spillage and equipment wear.





4. Industrial Maintenance & Retrofitting Services

Techgenics Group provides complete Industrial Maintenance & Retrofitting Services designed to minimize unplanned downtime, extend equipment operational life, and maintain structural integrity across heavy industrial facilities. By combining specialized engineering analysis with hands-on technical execution, the Group ensures that conveyor networks and industrial steel structures remain safe, efficient, and production-ready.

5. Quality Inspection & Engineering Consulting

Chartered Structural Verification: Structural analysis, material traceability, welding quality audits, and connection integrity verification backed by qualified Chartered Structural Engineers

Design → Detailed Engineering → BOQ → Workshop Fabrication → Quality Inspection → Transport → Site Erection → Final Verification





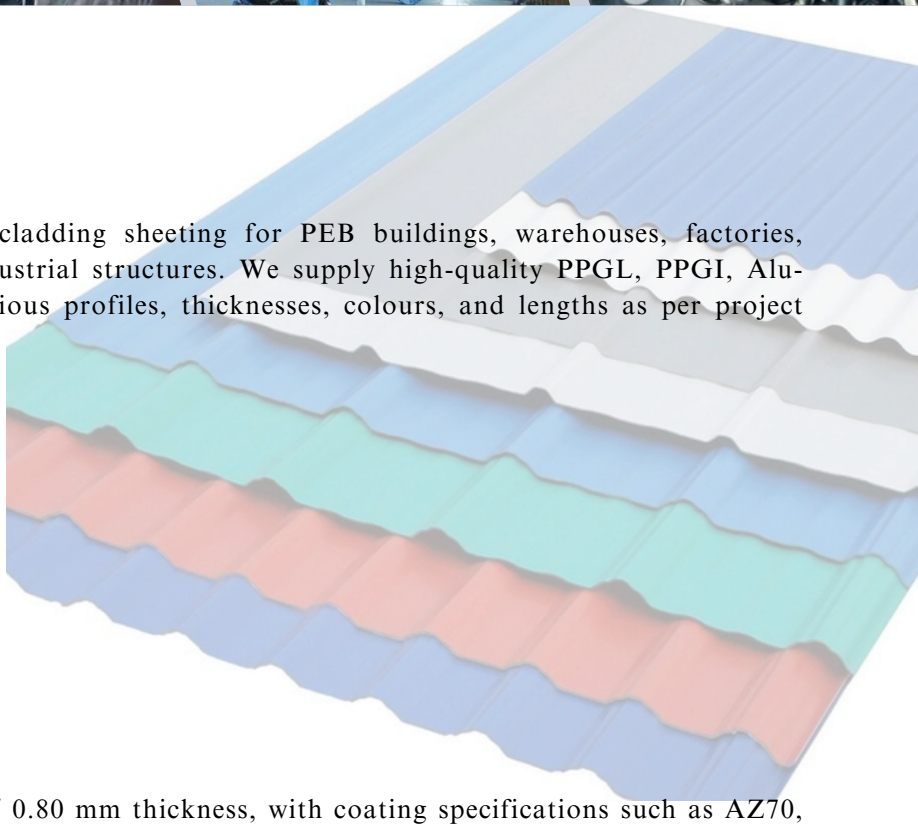
OUR SUPPLY

1.Sheeting Supply

We provide industrial roofing and wall cladding sheeting for PEB buildings, warehouses, factories, workshops, commercial buildings, and industrial structures. We supply high-quality PPGL, PPGI, Alu-Zinc and colour-coated steel sheets in various profiles, thicknesses, colours, and lengths as per project requirements.

Our Sheeting Supply Includes:

- Roofing Sheets
- Wall Cladding Sheets
- PPGL / PPGI Sheets
- Alu-Zinc Roofing Sheets
- Colour-Coated Steel Sheets
- Ridge & Flashing Sheets
- Gutter and Downpipe Sheets
- Customized Sheet Lengths
- Accessories & Fasteners
- Transportation to Project Site



Typical Specification: 0.50 mm / 0.60 mm / 0.80 mm thickness, with coating specifications such as AZ70, AZ150, etc., subject to project requirements.

2.Structural Steel & Iron Supply

We provide reliable Structural Steel and Iron Supply for industrial, commercial, infrastructure, PEB, warehouse, fabrication, and construction projects. We source and supply quality steel sections and materials as per project specifications, required grades, sizes, and quantities.

Our Structural Steel Supply Includes:

- MS Structural Steel
- ISMB / ISMC / ISWB Sections
- Angles & Channels
- T-Beams & Joists
- I-Sections & H-Beams
- MS Plates & Sheets
- Chequered Plates
- Flat Bars & Round Bars
- Square & Rectangular Hollow Sections
- GI / MS Pipes
- Structural Steel Columns & Beams
- Base Plates & Connection Plates
- Steel Fabrication Materials
- Bolts, Nuts & Structural Fasteners



Applications:

PEB & Industrial Sheds • Warehouses • Platforms • Mezzanine Floors • Conveyor Structures • Industrial Buildings • Steel Bridges • Equipment Supports • Fabrication & Erection Projects.



3.EOT Cranes Supply

We provide EOT (Electric Overhead Travelling) Crane supply solutions for industrial plants, factories, warehouses, workshops, fabrication facilities, and material handling applications. Cranes can be supplied as per required lifting capacity, span, lifting height, duty class, and operational requirements.
Our EOT Crane Solutions Include:

- Single Girder EOT Cranes
- Double Girder EOT Cranes
- Electric Wire Rope Hoists
- Crane Trolleys & Hoisting Systems
- End Carriages & Long Travel Systems
- Crane Control Panels
- Crane Rails & Rail Accessories
- Runway Beams & Supporting Structures
- Crane Installation & Erection
- Testing & Commissioning
- Maintenance & Inspection Services

Applications:
Manufacturing Plants • Steel Plants • Fabrication Shops • Warehouses • Foundries • Engineering Industries • Power Plants • Material Handling Facilities.

4. **Pre Fabricated Cabin Manufacturing and Supply**

We provide Pre-Fabricated Cabin Manufacturing and Supply solutions for industrial, commercial, construction, infrastructure, and site applications. Our cabins are manufactured using durable structural frames, insulated panels, roofing systems, doors, windows, and electrical provisions as per project requirements.

Our Pre-Fabricated Cabin Solutions Include:

- Site Office Cabins
- Security Guard Cabins
- Portable Office Cabins
- Labour / Accommodation Cabins
- Store & Utility Cabins
- Control Room Cabins
- Toilet & Sanitary Cabins
- Modular Cabins
- Container-Type Cabins
- Customized Prefabricated Cabins





5.Solar Installation and Supply

Techgenics Group provides comprehensive Solar Installation and Supply Solutions for industrial, commercial, institutional, and infrastructure projects. We support clients with the supply, installation, integration, and commissioning of solar power systems designed to meet project-specific energy requirements.

Our Solar Solutions Include:

- Solar PV Module Supply
- Rooftop Solar Systems
- Ground-Mounted Solar Systems
- Industrial Solar Power Plants
- Solar Inverter Supply & Installation
- Solar Mounting Structures
- Solar Panel Installation & Commissioning
- DC & AC Cabling and Electrical Works
- Solar Plant Structural Support Systems
- Earthing & Lightning Protection
- Solar Monitoring & Control Systems
- Operation & Maintenance Services

Our Services Include:

- Site Survey & Technical Assessment
- Solar System Design & Engineering
- Equipment & Material Supply
- Mounting Structure Fabrication & Installation
- Complete Solar Panel Installation
- Electrical Integration & Testing
- System Commissioning
- Maintenance & Performance Support

Techgenics Group delivers end-to-end solar solutions, from engineering and material supply to installation and commissioning, with a focus on safety, reliability, and efficient project execution.

Eliminate inefficiency in your industrial fabrication and erection





6 YEARS
INDUSTRIAL ENGINEERING EXPERIENCE

CORE TEAM 8+

30+ CLIENTS

120+ PROJECTS

COTACT US

TECHGENICS INSIGHT ENGINEERING & CONSULTING PRIVATE LIMITED

An ISO 9001:2015 Certified

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OUR KEY CLIENTS

Adhunik · L&T · GEETA TRADERS Engineering & Supplier · asoka SKY METALS PRIVATE LIMITED · RSB Where Dreams are Responsibilities RSB Transmissions (I) Ltd. · BLUE STAR MALLEABLE PVT. LTD. · MSP · NARSINGH Sustainable Solutions · RASHMI GROUP · VOLTAS A TATA Enterprise

"Empower your engineering procurement construction (EPC) teams with a proven single-source-of-truth execution model."

Consultation Request

GET QUOTE

www.techgenicsgroup.com

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