



## AFTER DECADES MULTI - FACETED SKILLS

Packed in a Young Enterprise

# VISION & MISSION

RKR Engineering specializes in design and manufacturing along with supplying components and erection of Pre-engineered Steel Buildings for Industries, warehouses, commercial buildings, Hangars, Utility Buildings. We handpick people from our highly skilled team in conjunction with our specialised technology to provide you with competitive pricing and sustainable best-in-class solutions. Our dedicated team will support you throughout your project. Our hassle free communication lines will help serve you better.

We are committed to be customer focused, innovative and cost-effective, in providing steel buildings, exceeding the expectations of our clients and project consultants.

We aim to achieve a steady & sustainable growth in resources, scope of activities, regions of operation and product portfolio.

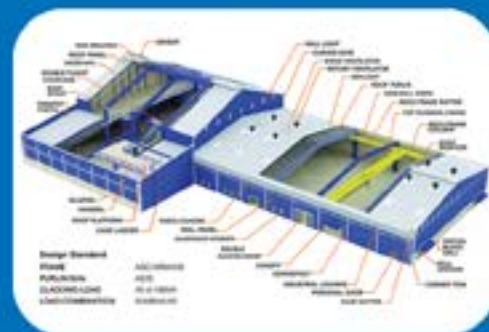


## PRE ENGINEERED BUILDINGS

Steel structures built over a structural concept of optimised primary members, secondary members, roof and wall sheeting connected to each other along with various other building components are Pre-engineered steel buildings (PEB); The building can be provided with different structural and non-structural additions based on the customer's requirements, viz., skylights, wall lights, turbo vents, ridge ventilators, louvers, roof monitors, doors & windows, trusses, mezzanine floors, fascias, canopies, crane girder systems, insulation etc.

### Pre-engineered steel buildings consist of following components:

- Primary Members / Main Frames
- Secondary Members / Cold Formed Members
- Roof & Wall Panels
- Accessories, Buyouts, Crane girder Systems, Mezzanine System, Insulation, etc.
- Sandwich Panels



## STRUCTURAL STEEL BUILDINGS

RKR ENGINEERING offer its expertise in the fabrication and installation of structural steel and plate works for various industrial and commercial applications.

RKR ENGINEERING utilizes the latest engineering softwares for Structural Steel Analysis, Connection Design, Shop Drawings Preparation and state-of-the-art Computer Numerical Control (CNC) equipment and Pull Through Automatic Welding (PTAW) line for fabrication.

## COLD ROLL FORMED BUILDING

Cold-formed steel structural members are shapes commonly fabricated from steel plate, sheet or strip material. To attain the ideal shape, the manufacturing process involves forming the material by either press-braking or cold roll-forming. The name 'cold-formed steel' is self-defined, which emphasizes that no heat is required to form the shapes (unlike hot-rolled steel). Cold-formed steel members and other products are thinner, lighter, and easier to produce, and typically cost less in contrast to hot-rolled steel members.



**IS 104** : ZINC CHROME PRIMER  
**IS 123** : RED OXIDE PRIMER  
**IS 277** : GALVANIZED STEEL SHEETS (PLAIN & CORRUGATED)  
**IS 800** : COP FOR GENERAL CONSTRUCTION IN STEEL  
**IS 801** : COP FOR USE OF COLD FORMED LIGHT GAUGE STEEL IN GENERAL BUILDING CONSTRUCTION  
**IS 806** : COP FOR USE OF STEEL TUBES IN GENERAL BUILDING CONSTRUCTION  
**IS 807** : COP FOR STRUCTURAL PORTION OF CRANES & HOISTS  
**IS 808** : DIMENSIONS OF HR STEEL BEAMS, CHANNELS & ANGLES  
**IS 811** : COLD FORMED LIGHT GAUGE STRUCTURAL STEEL SECTIONS  
**IS 813** : SCHEME OF SYMBOLS FOR WELDING  
**IS 814** (P 1 & 2) : COVERED ELECTRODES FOR METAL ARC WELDING OF STRUCTURAL STEELS  
**IS 815** : CLASSIFICATION CODING OF COVERED ELECTRODES FOR METAL ARC WELDING OF STRUCTURAL STEELS  
**IS 816** : COP FOR METAL ARC WELDING FOR GENERAL CONSTRUCTION IN MS  
**IS 817** : COP FOR TRAINING & TESTING OF METAL ARC WELDERS  
**IS 822** : COP FOR INSPECTION OF WELDS  
**IS 875** (P 1 TO 5) : COP FOR DESIGN LOADS FOR BUILDINGS & STRUCTURES  
**IS 1161** : STEEL TUBES FOR STRUCTURAL PURPOSES  
**IS 1200** (P8) : METHOD OF MEASUREMENT OF STEEL WORK & IRON WORK  
**IS 1200** (P9) : METHOD OF MEASUREMENT OF ROOF COVERING & CLADDING  
**IS 1200** (P14) : METHOD OF MEASUREMENT OF GLAZING  
**IS 1200** (P15) : METHOD OF MEASUREMENT OF PAINTING  
**IS 1239** (P 1 & 2) : M/S TUBES & TUBULARS  
**IS 1254** : CORRUGATED ALUMINIUM SHEETS  
**IS 1363** (P 1 TO 3) : HEXAGON HEAD FASTENERS OF PRODUCT GRADE 'C'  
**IS 1364** (P 1 TO 5) : HEXAGON HEAD FASTENERS OF PRODUCT GRADE 'A' & 'B'  
**IS 1367** (P 1 TO 18) : TECHNICAL SUPPLY CONDITIONS FOR THREADED STEEL FASTENERS

**IS 1477** (P 1 & 2) : COP FOR PAINTING OF FERROUS METALS IN BUILDINGS  
**IS 1852** : ROLLING & CUTTING TOLERANCES FOR HR STEEL PRODUCTS  
**IS 1893** : CRITERIA FOR EARTHQUAKE RESISTANT DESIGN OF STRUCTURES  
**IS 2016** : PLAIN WASHERS  
**IS 2062** : HOT ROLLED MEDIUM AND HIGH TENSILE STRUCTURAL STEEL  
**IS 2074** : RED OXIDE ZINC CHROME PRIMER  
**IS 2339** : ALUMINIUM PAINT  
**IS 2527** : COP FOR FIXING GUTTERS AND RAIN WATER PIPE FOR ROOF DRAINAGE  
**IS 2932** : SYNTHETIC ENAMEL PINTS  
**IS 3502** : STEEL CHEQUERED PLATES  
**IS 4000** : HIGH STRENGTH BOLTS IN STEEL STRUCTURES  
**IS 5624** : FOUNDATION BOLTS  
**IS 6639** : HEXAGONAL BOLTS FOR STEEL STRUCTURES  
**IS 7205** : SAFETY CODE FOR ERECTION OF STRUCTURAL STEEL WORK  
**IS 7215** : TOLERANCES FOR FABRICATION  
**IS 7280** : BARE WIRE ELECTRODES FOR SUBMERGED ARC WELDING OF STRUCTURAL STEELS  
**IS 8172** : VERTICAL STEEL LADDER  
**IS 12843** : TOLERANCES FOR ERECTION OF STEEL STRUCTURES

**CONTACT US FOR BEST - IN  
CLASS SERVICE**



**info@rkengineering.in**



**+91 9962963222**

**No: 9/26A,  
BHARATHIYAR STREET,  
NEHRU NAGAR, VELACHERY,  
CHENNAI, TAMIL NADU - 600042**

**Plot No. 132,  
Vellanur Village  
Kattur, Ambattur Taluk ,  
Thiruvallur District,  
Chennai,Tamil Nadu - 600062**



**Plot No. 53 and 54,  
Women Industrial Park  
Sidco Industrial Estate,  
Thirumullaivoyal,  
Chennai,Tamil Nadu - 600062**