

**COMMITTED TO EXCELLENCE**



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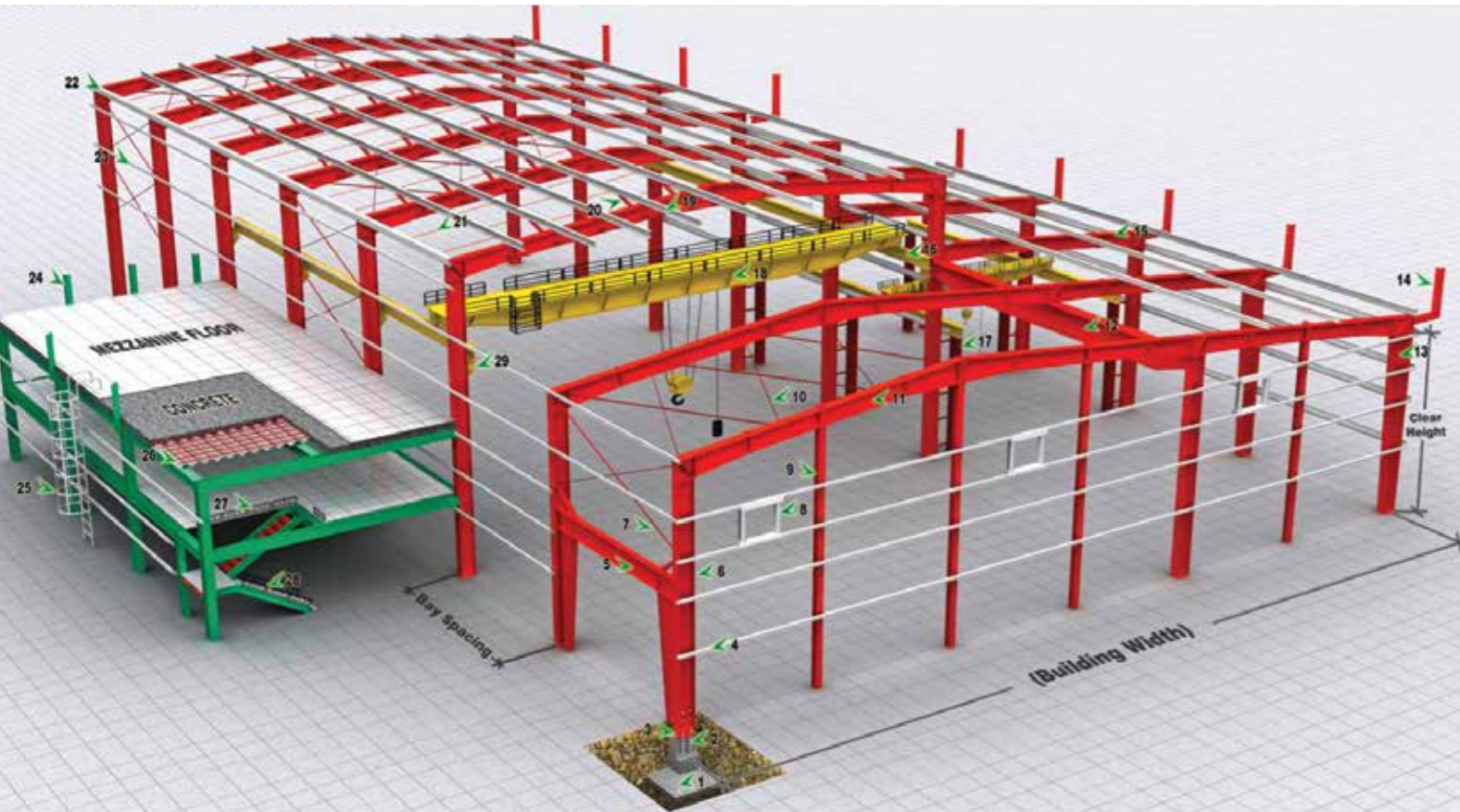
**PIONEERS IN PRE-ENGINEERED BUILDINGS & STEEL STRUCTURES**

- Established in 1976 - A group company of Alghanim Industries - Kuwait.
- Market leader in the Pre-Engineered Steel Buildings (PEB) market - Executed over 65,000 landmark project globally
- Recognized as one of the largest PEB manufactures in the world with over 400,000 MT per annum capacity- 5 factories across Kuwait, India, UAE and Vietna. Provides cost effective solutions for buildings, manufactured to the highest quality standards.
- Established Global Centre of Engineering Excellence at India where world's best practices are implemented to quote most optimized design for any type of building
- 70 Sales offices & 300 builders spread across the Middle East & Africa, Southeast Asia and parts of Europe.
- Executed World's single largest PEB for Renault Nissan Automotive manufacturing facility in India



# PRE-ENGINEERED BUILDINGS

## PEB Skeleton Structure



- |                                   |                                    |                   |   |
|-----------------------------------|------------------------------------|-------------------|---|
| 1. Concrete Footing               | 8. Framed Opening (Window/Louwer)  | 15. Lean To Frame | 22. Eave Strut                          |
| 2. Anchor Bolts                   | 9. End Wall Wind Column            | 16. Crane Beam    | 23. Side wall Girt                      |
| 3. Base Plate                     | 10. Roof Bracing (Angle/Rod/Cable) | 17. Crane Column  | 24. Flush Fascia Frame                  |
| 4. End Wall Girt                  | 11. Main Frame Rafter              | 18. EOT Crane     | 25. Cage Ladder                         |
| 5. Portal Bracing                 | 12. Jack Beam                      | 19. Roof Purlin   | 26. Deck Panel with Steel Mesh          |
| 6. Main Frame Straight Column     | 13. Main Frame Tapered Column      | 20. Flange Brace  | 27. Hand Rail (Steel)                   |
| 7. Wall Bracing (Angle/Rod/Cable) | 14. Cantilevered Fascia Frame      | 21. Sag Rod       | 28. Staircase (Checker Plate/C Channel) |
|                                   |                                    |                   | 29. Crane Bracket                       |

## PEB Advantages

Faster construction

Economical

Space flexibility - Larger spans for flexible interior design

High quality and durability

Environmentally friendly

Adjustable design -Can cater to future expansions (vertical and horizontal)

Minimal maintenance

Seismic (earthquake resistant) design

## PEB Applications

Industrial Buildings

Warehouses

Showrooms/Supermarkets

Offices/Schools/Hospitals

Metro Stations

Leisure Buildings

Shipyards

Cold Storages

Shelters

Car Parks

Aircraft Hangars

## Projects



AL ADAN HOSPITAL, KUWAIT



PETROLUBE, TANZANIA



SUNRISE CITY SUPERMARKET, UAE



CLEVELAND BRIDGE FACTORY, SAUDI ARABIA



AL AMEEN STORES & REFRIGERATION, OMAN



BAHRAIN PHARMACEUTICAL FACTORY, BAHRAIN



QAFCO WAREHOUSE, QATAR