

STRUCTURAL STEEL



PIONEERS IN STEEL STRUCTURES

- Established in 1976 A group company of Alghanim Industries Kuwait.
- Structural Steel plant with dedicated production lines equipped with latest machinery across India, UAE and Vietnam
- State of the Art Engineering Systems- Abundant expertise in steel solutions

- Market leader in Pre-Engineered Buildings Segment-Executed over 90,000 landmark buildings globally
- Annual Capacity of 475,000 MT
- Internationally approved standards, work procedures & Quality Assurance Systems

STRUCTURAL STEEL

Structural Steel Delivery Models

The structural steel has traditionally been fabricated on-site mainly due to lack of infrastructure for transporting heavy sections from an off-site workshop to project site. Moreover, there is often insufficient space at a site to set up a fabrication workshop and skilled labor is available at a premium. These issues can always be mitigated by workshop made steel structures which are proving to be more efficient in terms of quality and timelines. This helps to reduce the time and cost of execution, and is expected to fuel the demand for steel structures in future. The speed of execution is a critical factor for

any large industrial or infrastructure project & is a driver for shift towards the factory made fabrication. The projects that took longer period to complete a few years ago are being executed in much lesser time thereby resulting in considerable amount of cost savings. Faster construction will propel the industry towards factory made Steel Structures and owners and consultants will realize the advantages in terms of uniformity of finish and better quality, as steel producers align their rolling sections as per the design needs.

	ON SITE FABRICATION	WORKSHOP FABRICATION
Practice	Preferred in heavy industries	Global model. Applicable for industrial, Commercial & Infrastructure segment.
Time	More time for construction	Less time for construction
Quality & Wastage	Quality issues due to human component & high wastage due to unorganized nature	Factory controlled environment leading to uniform quality & minimal wastage
Site Limitations	Cannot be employed in sites with Inflammatory restrictions or building construction sites	No such restriction
Labor	Availability of skilled labor across geographies is a constraint	Easier to maintain a pool of skilled workforce for in-house fabrication

Structural Steel Applications



Steel Plants
Metal Smelters
Cement Plants
Chemical Plants
Fertilizers and Petrochem
Oil & Gas Structures etc.

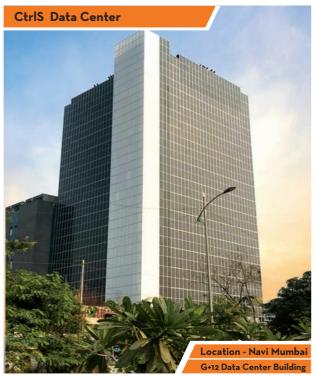


Power Plants
Airport Terminal Buildings
Railway Bridges
Transmission Towers
Telecom Towers
Bridge Girders



High Rise Buildings – Commercial & Residential Shopping Malls Multiplexes, etc.

Projects



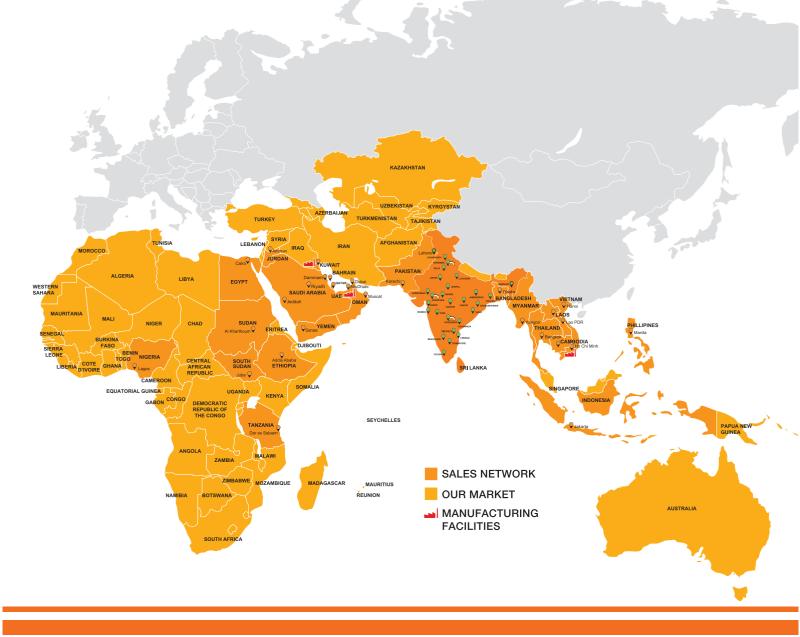














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Kirby is a wholly owned subsidiary of Alghanim Industries



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