

INTRODUCTION

Prefabricated Tubular Steel Structures: The Tubular Section Has More Torsional Resistance Than Other Sections Including The Solid Round One.

These Tubular Sheds Are Entirely Prefabricated And Can Be Transported To Site In Knock Down Condition. No Welding Is Required At Site.

These Are Following Advantages Of Pre –fabricated Tubular Sheds:

- These Are Pre-fabricated Sheds And Have 100% Salvage Value At Any Time.
- It Can Be Relocated To Other Location.
- No Welding At Site Is Required. It Is Very Safe For Industries Where Welding Inside Plant Is Restricted.
- The Construction Time Is Very Less In Comparison To Civil Work.
- These Sheds Are Designed As Per ISI Standard.
- The Tubular Sections Have More Torsional Resistance Than Other Sections Of The Equal Weights. The Tube Sections Have Higher Frequency Vibrations Under Dynamic Loading Than Other Sections Including The Solid Round One. The Round Tubular Sections Offer Less Resistance To Wind.
- The Round Tubular Sections Have As Much As 30 To 40 % Less Area Than Of Equivalent Rolled Steel Shape. therefore The Cost Of Maintenance, Cost Of Painting, Fire-proofing Or Other Protective Coatings Reduce Considerably. The Possibility Of Corrosion Also Reduces. The Ends Of Tubes Are Sealed. As Result Of This The Interior Surface Is Not Subjected To Corrosion. The Use Of Round Tubular Members Is Becoming More Generally Adopted For Structures.
- Tubes Are Of Special Interest To The Architects From An Effective Viewpoint And To The Engineers From Structural Effectiveness Viewpoint.



Application

Factory Sheds, Godown, Vehicle Stand, Community Halls, Poultry Sheds, Canopy Etc.

Material Specification

Our Pre- Fabricated Steel Structures Are Made Of Medium M.S. Pipes We Design As Per Required Length, Span And Height Depending On The Customer Requirement. we Consider All Relevant Factors For Designing The Steel Structures As Per Is Standard 1161 And 1239.

Item	Specification
ROUND HOLLOW SECTIONS (PIPES)	M.S. BLACK ERW PIPES WILL BE USED AS PER IS 1239-1969 AND IS 1161-1979.
CAPPING OF PIPES	ALL PIPES WILL BE SEALED TO AVOID MOISTURE
STRUCTURAL STEEL	STRUCTURAL STEEL LIKE ANGLE, CHANNEL, AND BEAM WILL BE OF PRIME QUALITY MATERIAL FROM TISCO, SAIL, ETC.
WELDING	THE WELDING WILL BE IN ACCORDANCE WITH IS 9595.



