



GAYATRI FABTECH

Integrated Management System(ISO-9001,14001,45001) Certified Company

GAYATRI FABTECH

(A company dealing in of Hot Dip Galvanized Transmission Line Tower/Substation Structures/Telecommunication Towers /Rural Electrification Structures/Foundation Bolts Module Mounting Structure , Cable Trays Etc.)

COMPANYPROFILE



Works:

Khasra No-293,Vill.-Dinanathpur Puthi
MG Road-Hapur

RegisteredOffice:

160,Loha Mandi
Lalkuan-Ghaziabad
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GAYATRI FABTECH

Quality

Our goal is to achieve the highest level of quality in our products through uncompromising focus on quality. We are an ISO 9001:2015,ISO-14001:2015,ISO-45001:2018 certified company. We adhere to strict quality assurance plans to produce materials conforming to domestic and international industry standards.

We follow a rigorous process to control production and quality in our workshops. A detailed Job card is prepared for each job to be done with clear instructions and drawings for workers. A Route sheet follows the job along its way through the production. In-process Quality Assurance inspectors reviews the quality of jobs before handing over to Galvanizing. After galvanizing,inspection is done again to check for the quality of galvanizing.

We maintain a testing laboratory with all the modern testing tools. All the mechanical, chemical, and visual tests required as per IS and Quality Assurance plan conducted in-house.

Basic norms of Tower industry like maintaining End/Edge security, proper identification and handling of rejected material, storing of scrap and wastage are adhered to. We also ensure that the finished goods can be traced back to their raw material source.

To ensure the safety and productivity of our workers, we display quality and productivity slogans all across our facilities. Our workers and supervisors are required to follow strict safety norms like wearing of helmets, safety gloves and shoes. We are continuously training our employees on safety and productivity issues.

Quality is also built into our Dispatch department. We have skilled people who sort and bundle the items to ensure easy loading and unloading of materials. The main focus areas of our Dispatch are to ensure that minimum shortages are caused at site.This ensures that the timely erection of these towers at site is not compromised.

Our People

GAYATRI FABTECH is run by people who have vast experience in the field of manufacturing of transmission line towers , substation structures , telecommunication tower etc. In addition to this, we have people who have experience in the construction companies of transmission line towers. This gives us the advantages of understanding this business from the customer's point of view.

Our Goal

We want to make Transmission Line Towers, Substation Structure, Telecommunication Towers, Foundation Bolts with the utmost quality and deliver them to our clients on time.

Our clients

Our Prime customers are BSPTCL, UPPTCL, JKPDD, JKPTCL, HVPNL, PUVVNL, BSPTCL, BHEL,REW, DEHN India, JSP Power, Gawar Construction, Shiv Shakti Construction, R.K INDUSTRIES, Mohan Energy Corporation,Jain Brother, INDUS TOWER , RAMBOL, Motorola etc.

GAYATRI FABTECH



GAYATRI FABTECH is a BSPTCL,UPPTCL,JKPDD,JKPTCL,HVPLN,PUVVNL,DHBVN,INDUS TOWER , RAMBOL, MOTOROLA Approved unit, located at Delhi-Moradabad Highway manufacturing Transmission Line Towers, Substation Structures,and Telecommunication tower Towers, Cable Trays,Module Mounting Structure, RE Works since 2018.

GAYATRI FABTECH Provided the best source of Steel suppliers in the Northern part of India(MandiGovindGarh & Ghaziabad)&Central India(Raipur).This ensures that we get timely supply of good quality raw material consistently. It ensures that we are able to execute our order in faster way.

Infrastructure

- Installed Fabrication Capacity of 12,000MTper Annum
- In addition to several lines of Hydraulic machines,Power Presses(heavy duty),Radial Drill Machines
- 14000MTper annum Galvanizing capacity in-house.
Zinc Cattle Size-(5.5MX1MX1M)&other one(7MX1MX1.2M)is under progress
- Fully Capable Laboratory with all required instruments to ensure all our raw material and finished goods are testing
- Availability of Large level area for proto type.

Working Instructions.

A .RAW MATERIAL PROCUREMENT:

Raw material is procured as per specifications of Purchaser/client/IS-2062,IS-1161,IS-1730stipulated in Contract /agreement after duly inspection at GAYATRI's/Client end

B .INSPECTION &TESTING:-

Physical/Visual/Dimensional and verification /co-relation of test certificates etc.Mechanical Test for UTS, Bend Test, Percentage of elongation, ultimate test, any other test Specified by Purchaser/client/inspecting authority. Chemical Composition Test and other tests to be require by customer.We have own-WPS (welding procedure specification) & Approved Welders.

C .STORAGE/STACKING:-

Material is stored/stacked, grade-wise, section/size wise Proper identification mark is put for each lot indicating SIN number,stack number and co-relation with test certificates

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D .ISSUE:-

Proper check is maintained while issuing the material for specified job as per job card.

E .FABRICATION(as per IS-802 & all tolerance as per IS-7215)

1. Cutting/Cropping :-As Per Drawings.
2. Straightening :-Materials straightened in Angle Straightening Machine
Permitting a maximum camber of 2% of Total Length
3. Stamping :-Identification mark for members of Tower (as per drawing)
4. Punching/Drilling :-As per Shop Drawings.
5. Marking :-As per Shop Drawings.
6. Bending :-As per Specification/Drawing.
7. Welding :- As per Specification / WPS
8. Inspection :-Final Checking as per QAP.

F .PROTO/MODELASSEMBLY:-

As per requirement of purchaser/client. One structure of each type (Black) after duly fabrication as per Drg. is assembled completely in all respect horizontally on ground and a thorough check is done by the purchaser or the client in accordance with drawings.

G .TOWERTESTING:

As per Contact Agreement

H .GALVANISING:

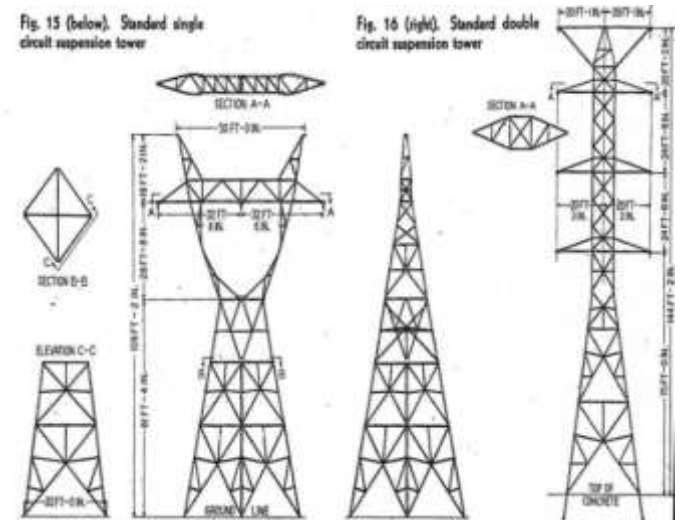
1. Degreasing :-Removal of oil,grease of any other for material to clean the surface properly.
 2. Pickling :-Removal of mill scale,Rust & Oxides to clean the surface of members.
 3. Rinsing :-After Pickling the articles should rinsed through running water
 4. Fluxing :-For providing catalytic layer to prevent oxidation and checking the solution for Strength and percentage of Iron and preparation of new solution
 5. Hot Plate :- For providing and prefetching the material (before dipping into the galvanizing bath to avoid spattering caused due to difference of Temperature).
 6. Hot Dip :-Material is dipped in to molten Zinc Galvanizing bath with the help of EOT Cranes /Hoists and Zinc Layer is deposited by steel zinc alloy process.(we procure zinc only from Hindustan Zinc of 99.995 Purity)
 7. Quenching :-After galvanizing the hot material is dipped in to water for cooling as the material is very hot and required to beat room temperature before passivation .
 8. Passivation :-Then the material is dipped into dichromatic solution to prevent it from white rust and to obtain better finish of zinc coating.
 9. Storage/Stacking :-The finished material is stored/stacked with proper identification marks to avoid mixing and damaging of Zinc Coating
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GAYATRI FABTECH PRODUCTS

TRANSMISSION LINE TOWERS

We are regularly manufacturing and supplying **Transmission Line Towers** upto 220kV rating to various state utilities and turnkey contractors.

We have designed upto 220kV Transmission Line Towers/ Sub Station Structures and Special type Towers such as Search Tower/Lightning mast/Multi Circuit Towers for Govt. Bodies and Private Sectors.



SUBSTATION STRUCTURES

We have designed/detailed /manufactured and executed the various orders of 220 kv **SubStation Structure** and equipment structures(Lattice & Pipe)for various state utilities and turnkey contractors.



GAYATRI FABTECH

TELECOMMUNICATION TOWERS

We are regularly manufacturing telecommunication tower for various contractors,
Angular, Hybrid, Pipe Tower for Quad & Triangular
Base-Ground Base, Roof Base, Monopoles, Poles
etc.



Cable Trays. -

We are regularly manufacturing Cable Trays for various contractors in Pre-GI, Hot Dip, with Cold Rolled SS, Sheets



Module Mounting Structures. -

We are regularly manufacturing module mounting structures for various contractors in Pre-GI, Hot Dip, with Cold Rolled SS, Sheets for roof top & Ground Base





