

LTL
GalvanizersTM

Protecting Steel
For Generations





VISION

To be the preferred supplier of high quality Hot Dip Galvanized steel products, having a major market share in the country as well as globally.

MISSION

Supply products and services that are of distinct quality to create value and satisfaction to customers, through innovation, creativity and professionalism while effectively incorporating sustainability.

LTL Galvanizers (Pvt) Limited

LTL Galvanizers (Pvt) Limited, the foremost galvanizer and manufacturer of Steel Towers and Structures in Sri Lanka, was started in the year 1991 by Sri Lanka's renowned Engineering organization, LTL Holdings (Pvt) Limited to complement their construction activities.

Today this subsidiary of LTL Holdings, owns and operates ultra modern facilities for galvanizing, designing and fabrication of steel towers and structures and serves all major industries in Sri Lanka, including the power and telecommunication sectors and for ship repairing industry. The Company virtually has served every infrastructure project implemented in the country and since of late has attracted several overseas clients as well. The Hot Dip Galvanizing Plant is equipped with German machinery and technology and has a production capacity of 150 Metric Tons per day.

The facility with two galvanizing baths is capable of galvanizing full length members of transmission line towers in single dip operation.

The Steel fabrication facility of the Company within the same premises, equipped with Computer Controlled precision equipment, is supplying fabricated items for towers and structures to be used on major transmission line projects.

The factory also produces steel structures for communication towers, substation structures, pre-fabricated buildings, bridges, pre-engineered steel, railings etc. The Company's internationally trained engineers, utilizing the latest state of the art software packages efficiently handle the designing and fabrication, to the maximum satisfaction of the clients.



Products and Services

We provide design, fabrication, galvanizing, metalizing, testing & installation for following products and various structures on customer requirements according to relevant technical standards ,BS, ISO, ASTN, DIN, JIS.

- Transmission Towers
- Telecommunication & radio Towers
- Cellular communication towers
- Television Masts
- Substation structures
- Transformer tanks
- Pipes / pipe racks / ducts
- Cable bridges
- Bailey bridges
- Ladders, Stairways, Handrails, Gratings
- Nuts & Bolts
- Cross arms & Line Hardware
- Steel buildings & other steel structures





Steel Fabrication Facility

Modern factory with CNC machinery supports the fast and accurate production. Manufacturing facility of LTL Galvanizers is fully equipped with modern machinery with computer numerically controlled systems. Very high accuracy, repeatability and high rate of production of these machines put the plant in the high end of similar type of production lines and becomes the only facility of this type in Sri Lanka.

All welding conforms to the requirements of the American Welding Society D1.1 Standard.

All material is hot-dip galvanized after fabrication to BS EN ISO 1461:2022 or ASTM Standard A123 Standard.

All structural bolts conform to ISO 898-1: 2013 and are galvanized to BS EN ISO 1461:2022.

Hot Dip Galvanizing Facility

The Galvanizing Facility is equipped with state-of-the-art plant and machinery from LOI-Thermprocess of Germany, and updated regularly with the latest technologies as at today. We have a strong technical collaboration agreement with American galvanizers Association (AGA), and we are also a member of AGA.

All pre galvanizing processes; such as de-greasing, pickling, rinsing, fluxing, drying, dipping, quenching and de-oxidizing are in accordance with company standards and BS EN ISO 1461: 2022.

The total production capacity of the plant is 6.2 MT/hour and operates for 24 hours per day.

Specifications :

Bath 1 Steel bath

Dimensions Capacity

Length 7.0 m

Width 1.3 m 5.0 Tons/hour

Depth 2.1 m

Facilitate up to 13.5 m length by double end dipping

Bath 2 Ceramic bath (For centrifuge items)

Dimensions Capacity

Length 3.0 m

Width 0.8 m 1.2 Tons/hour

Depth 1.2 m





Thermal Spray Metallizing

The most effective and durable protective coating for large marine or other steel structures, which cannot be dipped in Hot-Dip Galvanizing bath.

When it comes to protecting your assets and structures, Thermal Spray Metallizing stands out as the ultimate choice. It's the perfect alternative for re-painting existing structures, eliminating the need for repetitive maintenance, and saving you valuable time and resources. Moreover, this method offers a substantially longer service life, superior bond strength, and lower overall life cycle costs compared to conventional painting techniques. Unlike Hot-Dip Galvanizing, there are no restrictions on the shape and size of the structures you wish to safeguard, and the coating thickness can be customized without limits. With Thermal Spray Metallizing, you're investing in a solution that provides longevity, versatility, and cost-efficiency.

At LTL Galvanizers, we take Thermal Spray Metallizing to the next level. We use Zn, Al and Zn/Al (85%/15%) Alloy from LME-approved brands, ensuring the highest quality and performance for your projects. The coating thickness can be tailored to your specific needs, optimizing the protection according to the chemistry of the steel involved. We even provide a coating guarantee based on the application and environmental conditions, giving you peace of mind. Additionally, we offer a duplex coating system, combining Metallizing and painting, all under one roof at the most competitive prices. Our quality control procedures adhere to ISO 2063:2017 international standards, ensuring that your projects are executed to the highest quality standards. When you choose Thermal Spray Metallizing from LTL Galvanizers, you're choosing expertise, customization, and a commitment to excellence.

Engineering Planning & Designing

Engineering, Planning & Designing precedes of the commencement of fabrication. Based on the designs of towers, bridges, structures etc... furnished fabrication drawing are developed utilizing state of the art computer software facilities. By this process, while 100% accurate fabrication drawings are developed, bill of quantities, bolt and nut requirement, and shop floor drawings etc are also simultaneously generated. These are further verified by the engineering staff of the facility before the production process commence.

All functions starting from the ordering of raw material up to the transferring of the end products to the customers are planned and monitored by the use of a computer software designed to record every aspect of the production process with dates for fabrication, galvanizing, shop assembly of sample, packing, final inspection and delivery. This ensure timeliness and resultantly maximizing of customer satisfaction. Our dedicated staff from engineers to workmen is fully focused to serve our customers to their satisfaction at all times.



Galle Expressway Sign board Structures



Fences in Japan



Railway workshop Colombo



Packing & Delivery

All fabricated and galvanized products are checked for quality conformance and packed according to the customer's standards / requirements. The items are placed on pallets, keeping some room to avoid moisture trappings and tightened by coated metal strapping, to ensure the safe arrival of the products at the final destinations. Each package is numbered and packing lists are prepared before delivery or shipping.



Global Presence

Quality Assurance

LTL Galvanizers has been synonymous with highest quality steel fabrication and hot dip galvanizing.

We have always delivered the highest quality product to our customers. Our continuous efforts in improving our performance through strict process controls, in process inspections and system implementation have given us the extra edge in the business today.

Integrated Management System of LTL Galvanizers is certificated to ISO 9001:2015, ISO 14001:2015 & ISO 45001: 2018 by internationally acclaimed certifying agency, Det Norske Veritas (DNV) Netherlands.

Our steel Fabrication and hot dip galvanizing is in strict compliance with the relevant technical standards (BS, ISO, DIN) required by the customers. Regular internal and external audits ensure the full and continuous conformity with these international standards.

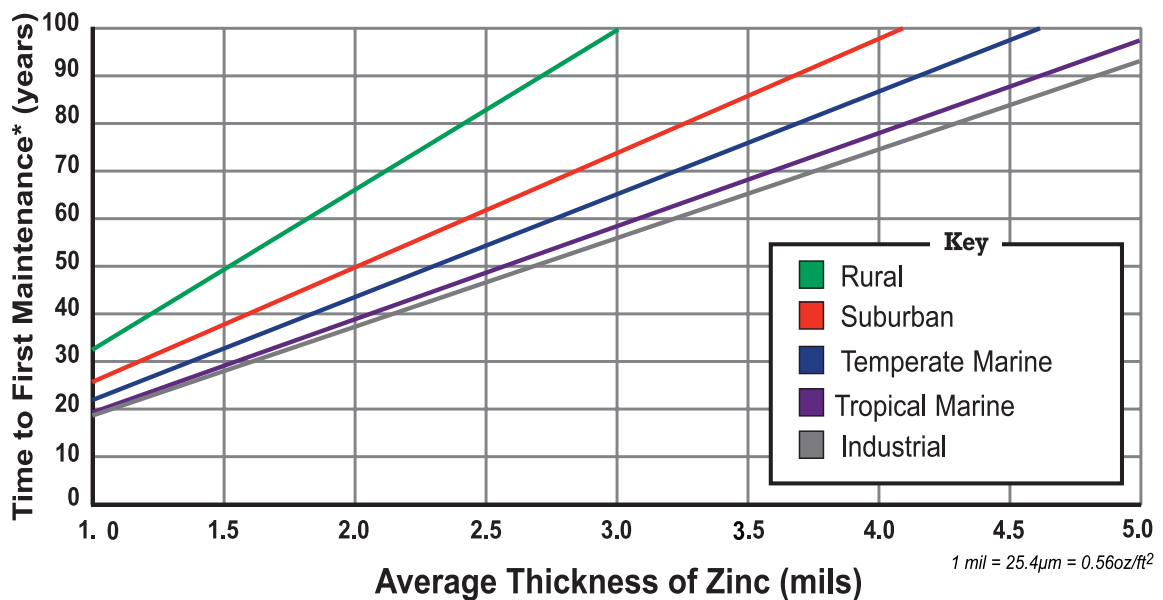
All incoming materials are tested at independent Laboratories for chemical and mechanical properties. All our structures are also Prototype tested for all design loads at an independent laboratory.

Thoroughly trained and highly skilled quality control staff provides an excellent back up to the established quality management system.





Time to First Maintenance Chart for Hot-Dip Galvanized Coatings



*Time to first maintenance is defined as the time to 5% rusting of the steel surface.



LTL Galvanizers (Pvt) Ltd.
A Subsidiary of LTL Holdings Ltd.

Blocks 03 & 04, LINDEL, Sapugaskanda,
Makola, Sri Lanka.

+94 11 240 1305-7 / +9411 75 13 147-9

Hotline +9477 147 47 47

+94 11 240 1309 galvanize@ltl.lk

 www.galvanize.lk

