

GALVANIZING PLANT



Hheavy Engineering Industries & Shipbuilding Co. K.S.C. (Public) (HEISCO) - has built an environment-friendly and state-of-the-art Galvanization plant to cater to the requirements of its various clients and customers for oil & gas, petrochemicals, infrastructure, electrical, power and water sectors. Based in Shuaiba industrial area, we operate the most highly automated galvanizing plant with the lowest emissions of any hot dip galvanizing plants in Kuwait.

Corrosion protection is important in the world of steel and iron. Galvanization or galvanizing is one of the best forms of corrosion protection. It is the process of applying a protective zinc coating to steel or iron to prevent corrosion. HEISCO offers hot-dip galvanizing service to a wide variety of steel components ensuring the best service and quality possible.



Low emission and best possible protection for people and environment

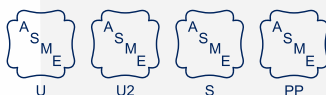
Our advanced equipment and the environment-friendly technology are capable of galvanizing steel components in large scale. Our automated material-handling and processing equipment and remote controlled dipping system deliver a consistent coating for a long-life protection against corrosion.



Automated material handling



Low price and quick service

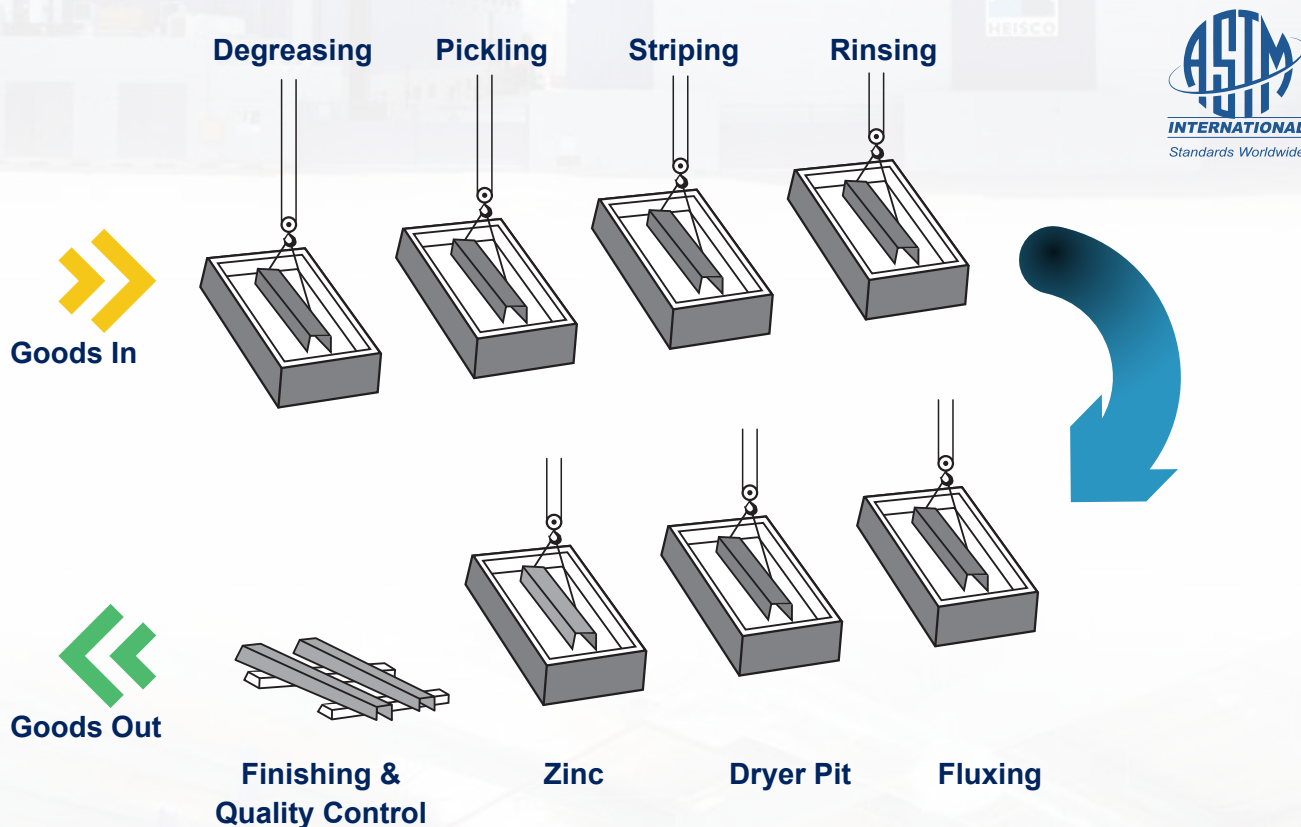


Galvanized items transported to customers or directly to the site

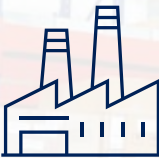




The steel products to be galvanized undergo a number of processes during the pretreatment and post-treatment stages of the galvanization. The pretreatment process involves degreasing, pickling, rinsing, fluxing, zinc bath, etc. We inspect the finished products to ensure that it complies with applicable specification. We do utmost care for health, safety and the environment and have developed an effective HSE system to achieve our goal. We carry out continuous quality checks to ensure the requirements of international standards of ASTM A123/BS EN ISO 1461.

HOT-DIP GALVANIZING PROCESS :



CAPACITY OF OUR FACILITY :

PLANT SIZE: 	Total area of our Galvanizing Facility : 9,500 m ² and	
	Laydown area for Material Handling : 2,650 m ²	
	Maximum Dimensions of the Load On the Jig (Material)	: 12.5 m x 1.5 m x 2.5 m
	Size of the Galvanizing Kettle	: 13 m x 1.8 m x 2.8 m
MATERIAL HANDLING SYSTEM: 	Size of the Pre-Treatment Tanks	
	: 13 m x 1.8 m x 2.8 m	
	2 Units Degreasing	
	6 Units Pickling	
	1 Unit Stripping	
ENERGY: 	2 Units Rinsing	
	1 Unit Fluxing	
	Source for Galvanizing Furnace	: Electricity

GALVANIZING FACILITY



Scrubber Chimney

Zinc Dust Filter Chimney



Scrubber Duct



Neutralization Filter Press



Zinc Dust Filter



Furnace



Automatic Blasting Machine



Pre-Treatment Tanks



Pre-Treatment Chamber



Heating System

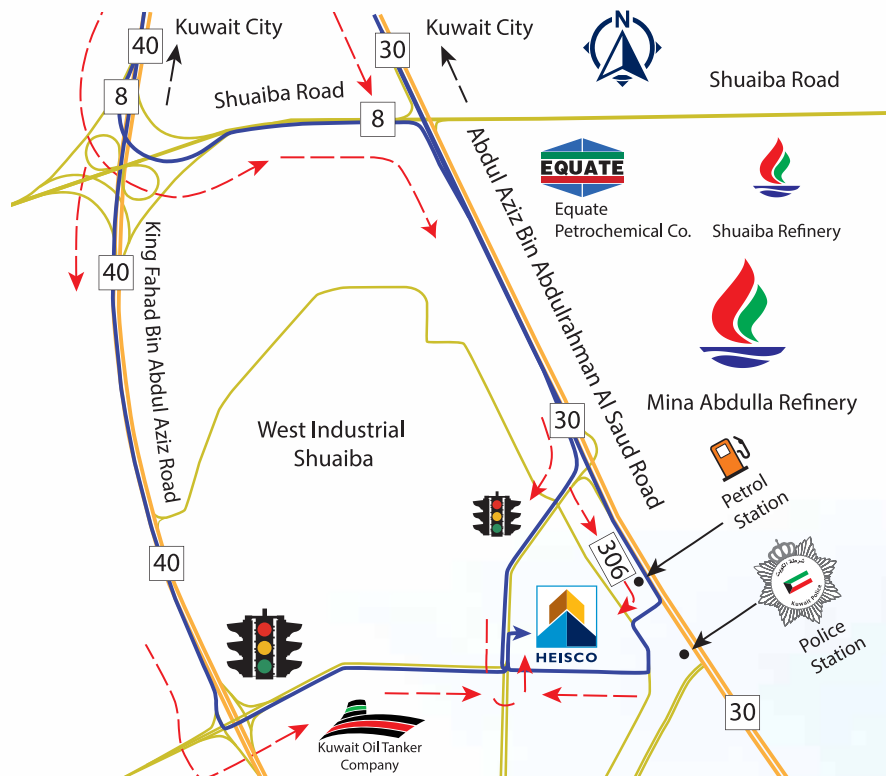


Acid Storage Tanks

GALVANIZED COMPONENTS AND MATERIALS



OUR LOCATION



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