

# OMKAR GLAVANIZERS PVT. LTD.

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## Company Profile

**Correspondence Add.** : 909, Aalap-B Complex, Limda Chowk, Opp. Sastri Maidan, Rajkot- 360 001

**Factory:** Plot no. -7A, Survey No.- 261, Vill. – Jiyana, Kuwadwa Wankaner Highway, Rajkot- 360023

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# Foreword

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## **Steel's Best Line of Defence**

Hot dip galvanizing has been utilized for over 250 years to protect steel and iron from the destruction of corrosion. Steel is a mainstay in modern construction and has been since the beginning of the industrial revolution. Engineers, architects and construction professionals trust the strength and durability steel provides; however, as soon as steel is exposed to the environment, it begins to corrode. Hot dip galvanizing protects steel from corrosion due to a metallurgical bond that occurs when steel is submerged in molten zinc. The reaction creates inter metallic layers, harder than the base steel itself, resulting in an extremely abrasion resistant coating that can last for decades.

***We Believe In .....***

### ***COMMITMENT***

Commitment is to achieve superior performance for over all development and excellence in new fields

### ***RESPONSIBILITY***

We shoulder the vision of our client.

### ***SCHEDULE***

Time is the essence and we strive for completion with in schedule duration.

# About Us

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We, Omkar Galvanizers Pvt. Ltd., are engaged in Hot Dip Galvanizing Process for a variety of Metals like : Carbon Steel, Cast Iron (SG iron component). We procure quality raw material to make this assortment of products.

We are backed by a state-of-the-art infrastructure which is departmentalized into various units. These units are administrative department, research & development wing, quality testing unit, sales and marketing unit, designers and engineers unit, production unit and warehousing & packaging unit. All these units are manned by a veteran team of professionals with experience of over 15 Years in the Industry. We organize workshops training sessions for our employees to keep them updating about new innovations in the industry.

**Our Production Capacity is : 12,000 TPA**

# The Process



***The hot-dip galvanizing process consists of three steps: surface preparation, galvanizing, and inspection.***

**Surface Preparation:** For high quality hot-dip galvanizing, steel must be properly prepared prior to being immersed in a bath of molten zinc. During the surface preparation stage, material going through degreasing/caustic cleaning, pickling, and fluxing. Degreasing/Caustic Cleaning: A hot alkali solution, mild acidic bath, or biological cleaning bath removes contaminants from the steel such as dirt, grease and oil.

**Pickling:** To remove mill scale and iron oxides, the steel goes through a diluted solution of heated sulphuric acid or ambient hydrochloric acid.

**Fluxing:** Through the final surface preparation step, any remaining oxides are removed in a zinc ammonium chloride solution and a protective layer is deposited on the steel to prevent any further oxides from forming prior to galvanizing.

**Galvanizing:** Following surface preparation, the steel will be immersed in a bath of molten zinc. The zinc kettle contains at least 98% pure zinc and is maintained at a temperature between 815°-850° F (435°-455° C). While steel is immersed in the kettle, the zinc reacts with the iron in the steel to form a series of metallurgically bonded zinc-iron alloy layers with the final top layer 100% zinc.

**Inspection:** The inspection process of galvanized steel is fairly simple. Zinc will not react with unclean steel, therefore a visual inspection of the product will provide a good assessments of the quality of the coating. Tests for coating thickness and adherence to ASTM standards will also be performed

# Quality Policy

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Omkar Galvanizers Pvt. Ltd. management is committed to provide Quality assurance services of national and international standards with technical competence leading to sustained customer's satisfaction and also meeting the stated requirements of customer's specifications, Customer's quality policies relevant to jobs and their implied, intended unstated need.

We will provide assurance to customers that the requirements of Safety, Reliability and quality are met at all stages by systematic approach. We will provide adequate, experienced and trained human Resources, Reliable Plant & Machinery. We will continue to make efforts to develop technical competence at all levels.

We will review production, human resources, continual improvement, corrective & preventive actions for achieving the production targets & monitoring electiveness of its quality management system at regular intervals. We will ensure that records and documents are well maintained.

We will ensure that Company's Quality Policy is electively communicated; Understood at all levels, implemented and maintained.

# Quality Assurance System

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Our Quality Assurance System consists of various control checks conducted at each stage of execution of job activities, which are as follows:

- Inspection, Q A checks, Correlation of test certificates of Raw Materials, consumables and other miscellaneous items.
- Process control at each stage of execution of activity as per approved procedures, standard practices.
- Control and use of calibrated inspection equipment and instruments.
- Final inspection, Testing, Checks, recording and evaluation of observations.
- To take corrective and preventive measures for the deviations noted.
- Training of Operators
- Regular Tool-Box talks for awareness of quality, safety, Precautions and Technical requirements of the job for supervisors, operators and technicians.
- Quality review meeting on client's audit report to ensure maintaining of quality during execution of job as per client's requirements.
- Proper storage and record keeping of raw materials, consumables, machinery, tools and tackles, spares, semi-finished and finished products.
- Documentation control.

# Health Safety & Environment Policy

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## ***HSE POLICY***

HSE policy to strive for excellence in every aspect of occupational safety , health and preservation of the environment in the business and the operational activities at all times.

HSE aims at “ Safe Working Culture” among all the staff at all times and ensure that they are trained and well equipped to handle an emergency situations in the work place should at arises.

The fundamental a mention to detail that delivers excellence in the HSE ma ers help us achieve. Superior competitive business advantage.

## ***HSE OBJECTIVES***

*To safeguard the workforce and their health and safety.*

*To protect the environment.*

*To ensure all employees have sufficient training or experience to perform their job function and duties.*

*To establish and maintain the highest possible standards of safety, health and hygiene.*

We are all accountable for ourselves and the safety of others in the workplace. Working safely is a condition of employment. To record all accidents / incidents and near misses in order that pro-active remedial procedures can be determined and introduce.

# Quality Management System

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Monitor and measure the electiveness of your business processes and the company objectives through our management reviews and internal audit process.

To ensure that work activities as per clients requirements of time schedule.

To deploy skilled experienced and semi-skilled persons on the job.

Analyze the cause of any complaint and take appropriate action to prevent recurrence.

Ensure that all employees are aware of our quality policy and committed to the effective implementation of our quality management system.



# Safety Policy

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We at **Omkar Galvanizers Pvt. Ltd** keep a constant vigil on safety and believe that all injuries and occupational hazards are protectable. We always specifically make it a point not to compromise safety at any juncture while carrying out jobs of any nature either on or off the field.

We are committed to all our activities in such a way to provide a safe & conducive working environment for employees.

Maintaining all firsthand requirements concerning safety to improve its practices and performances.

Educating all our employees the procedure of safety systems and benefits of it.

Educating our employees to avoid any damage to our client's property while working.

Effective use and benefits of safe working procedures and practices for construction jobs.

Periodic monitoring of quality & safety systems.

Providing personnel protective equipment, safe working tools and tackles to ensure safe working environment.

Implementation of safety measure to control any risks.

Following client's instruction of safety procedures at all times to safe guard any unwanted hazards.

# SAFETY & SECURITY PLANS AT WORK PLACE

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Maintain good housekeeping and keeping all passage, walkways clear of any hindrances.

- Electrical connections and fittings with proper earthing protection, proper and standard type of fitting and extension boards meeting the safety standards of contract conditions
- Storage of Raw Materials, Machinery, Equipment, Tools and Tackles, Safety items, spares, Free Issue material as per Standard practices and instruction of Engineer in Charge.
- Periodical checking of all tool & Tackles by the Engineer to ensure the conformity of requirements of industrial safety.
- Maintenance of separate store for scrap material, unusable material Etc.
- Maintenance of First Aid Facility as per Safety Rules
- Conducting awareness programs, training etc. for employees from time to time.
- To carry out the work in well ventilated and illuminated areas and provision of air mask wherever needed.
- Strict Adherence of security rules at work site.
- Storage of Hazardous material if involved will be done at notified area as with observance of all safety requirements.
- Ensuring all personnel are wearing helmet, safety shoes and other safety equipment like safety belt, goggles, hand gloves as per requirements of the work site.
- Deputation of one safety Engineer on reaching the manpower strength of 50 person
- Reporting of Accidents and mishaps as per the safety requirements of Customers.
- Enquiry for finding out the root cause of accident & implementation of corrective and preventive action to avoid similar instances.

# Corporate Information

Sr. No.	Description	Details
01	Legal Name of Company/Business	OMKAR GLAVANIZERS PVT. LTD.
02	Contact Person Name & Designation	Mr. A. K. Sinha / Mr. Vishal Gosai Managing Director / Director Sales
03	Correspondence Address	909, Aalap B Complex, Limda Chowk, Opp. Sastri Maidan, Rajkot- 360 001
04	Factory Address	Plot No – 7/A, Survey No – 261, Village – Jiyana Kuwadwa Wankaner Highway, NH8/B Rajkot - 360023
05	Telephone	+91 – 80009 50002 / +91 – 98252 19781
06	Web	-
07	E-mail	<a href="mailto:omkarglavanizers@gmail.com">omkarglavanizers@gmail.com</a>
08	Type of Business	Private Limited
09	Business Status	Manufacturer

# Organizational Information

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CIN NO.	U28999GJ2020PTC114608
GSTIN	24AADCO1924H1ZQ
MSME CODE ( UAN)	GJ20B0026919
UDYAM REGISTRATON NO.	UDYAM-GJ-20-0004846
PAN NO.	AADCO1924H
TAN NO.	RKTO01088D

# Organizational Strength

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Managerial Staff	02
Supervisory Staff	04
Skilled Labour	12
Un-skilled Labour	18

## Maximum size of Job we can cater

11,000mm Length

1,000mm Width

1,000mm Height

# List of Manufacturing Facilities

Sr. No.	Description of Machines / Equipments
01	<b>ZINC kettle – 6.5 L x 1.2 W x 1.2 D (Meter)</b>
02	High Velocity Burners – LDO Fired ( we will be switching over to PNG within 1 Year of Operation – as per the availability of the gas)
03	Overhead Cranes – 5MT capacity – 04 Nos
04	Pickling Line – 06 Nos Tanks – 10 L x 1.2 W x 1.2 H
05	Acid Fume Exhaust Scrubbing System – 20,000 CFM
06	White Fume Exhaust Scrubbing System – 15,000 CFM
07	Hot Air Dryer Unit – for 5 volume changes/min.
08	Flux Heating System – PLC Based`
09	Material Handling System
10	Acid Storage Tanks – 30Kl capacity
11	Waste Acid / Water Storage Tanks – 30Kl capacity
12	Quench & Passivation Tanks
13	Encapsulated Pickling Area – will be installed within 6 months of operation

# Design & Testing Standards:

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- IS : 2629
- ASTM : 153A

## Testing on Finished Products :

- Hammer Test
- Knife Test
- Preec Test
- Copper Sulphate Test
- Thickness Test – Visual – with Elcometer

# Applications of Galvanized Steel:

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## **Electrical, Utility, & Communication**

Transmission Lines, Counter Weight, Dampers, Earthing Strip, Cable Trays, Electrical Poles.

## **Renewable Energy**

Solar Panel Structure, Solar Hot Water Tank, Wind Farm, Hydro Power

## **Bridge & Highway**

Superstructure, Substructure, Reinforcing steel of bridges, Guardrails, Light posts, Sign Structures

## **Industrial**

Structural Components, Gratings, Platforms, Fasteners, Foundation Bolts, Sheet Metal Works, MS Plates, Tubes & Hollow Sections, Fin Tubes, Radiators, Flanges, Pipes & Fittings,

## **Transportation**

Transit stations, Airport terminal, Parking garages, Crash Barrier, Automobile Parts

## **Building and Architecture**

canopies, facades, handrails, architecturally exposed structural steel

## **Food and Agriculture**

For Animal Husbandry Structure, Fencing, Wires



# Our Final Finishing

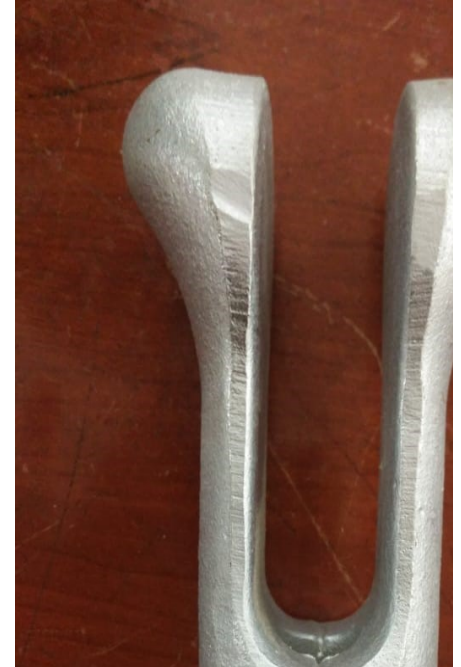
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Solar Structure



Flanges



Damper



Pipe Fittings



Electrical Pipes



Gratings



**0.5mm Thk. Fins**

**OUR SPECIALITY**





**RADIATORS – OUR SPECIALITY**



**Structural Steel**



**Earthing Poles**



**Light Poles**

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**Commonsense is the realized sense of proportion!**

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