



Almalitha

Trading and Contracting L.L.C.

Fiberglass Composites

GRP Sectional Water Tank

HDG Sectional Tank

GLS Water Tanks



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1. About Al Malitha

1.1. Company History

Al Malitha was established in Doha, State of Qatar in the year 2017. The company started out as a very small operation with a few workers producing small fiberglass water tanks. Since then, Al malitha has significantly grown in size and capabilities to become a leading industrial manufacturer in the region for thousands of different products, with more than 600 employees throughout the State of Qatar. Al Malitha s products and services have reached many parts of the world, including the Middle East,



Throughout its operations, Al Malitha has adopted state-of-the-art manufacturing technologies and has pioneered new manufacturing methods to bring customer requirements to reality; all while maintaining the highest quality standards. Al Malitha possesses several accreditations for its product ranges and operational procedures from the most globally acknowledged and reputed quality standards institutions.

Al Malitha 's product portfolio grew over the years to form four major Business Units:

1. The **Fiberglass Composites Business Unit** manufactures everything from standard fiberglass infrastructure products to specialized custom fiberglass products
2. The **Prefab & Interiors Business Unit** manufactures both standard and custom-designed prefab houses for temporary and permanent use, as well as complete interior fit-outs and carpentry work
3. The **Metal Works Business Unit** produces and erects all types of Steel Structures, designs and manufactures systems, supplies cut and bent steel reinforcement bars for the construction industry, and manufactures steel profiles for structural and sheeting requirements

1.2. Mission, Vision & Values

Al Malitha 's blue amtc word logo, although symbolic of the first Almalitha product – the water tank – embodies the core missions and values being promoted internally as well as to customers: The first is „Strength“, and it is reflective of our staff’s technical capabilities as well as our high-quality engineered products. The second is „Efficiency“ and it is indicative of Almalitha 's mode of operation which allows a lot of flexibility in delivery time, design, and cost vis-à-vis clients. The third is „Friendliness“ and it is a value Almalitha prides itself on given the long-term relationships with both clients and suppliers.

In one statement, Al Malitha 's mission is to provide its customers with the best value-engineered products and turnkey solutions for their industrial and construction needs within the quality standards, delivery time-frame, and investment budget constraints. al-malitha's vision is to become the



There are additional advantages that Al-malitha group enjoys, particularly the vertical integration of the companies in the group, i.e. the companies serve the same industries and the products and services are complementary. This allows either of the companies to act as a one-stop shop and take on turnkey projects. For example, Al-Malitha makes use of its association with Al Malitha fiberglass and Al Malitha Construction whenever any complementary construction/infrastructure works are required for the installation of its products (where the customer is unable to provide those services). Similarly, Al- Malitha Trading and Al-maltha Contracting make use of Al-Malitha for



the supply of industrial and building products, such as pipes for pipeline laying, steel elements for structural work, fiberglass tanks, HDG steel tanks or lamination for storage works, and many more. This setup ensures that coordination is seamless and compatibility is guaranteed; the result is superior service.

1.3. Business Units & Divisions

Al-Malitha has four major Business Units; Fiberglass Composites, Prefab & Interiors, and Metal Works. The Fiberglass Composites Business Unit manufactures everything from standard infrastructure products such as pipes, pipe fittings, hot press panel tanks, and gratings, to specialized custom products such as chemical tanks, cable trays, and kiosks; in GRP, HDG, and GLS. The Prefab & Interiors Business Unit manufactures both standard and custom-designed prefab



houses for temporary and permanent use, as well as supplies complete interior fit-outs and carpentry work for corporate, residential, and hospitality sectors. The Metal Works Business Unit manufactures and erects all types of Steel Structures, designs and manufactures, and grp product systems, supplies (as per requirements) cut and bent steel reinforcement bars for the construction industry, and manufactures steel profiles for structural and sheeting requirements.



The following table summarizes the Business Units and their respective Divisions and Product Ranges.

GRP SECTIONAL WATER TANK



GRP (Glass Reinforced Plastic) Sectional Tanks: Comprehensive Guide

Introduction: GRP (Glass Reinforced Plastic) Sectional Tanks are a popular and innovative solution for water storage needs. These tanks are made from high-quality glass-reinforced plastic panels, offering superior strength, durability, and corrosion resistance. GRP Sectional Tanks are commonly used for storing drinking water, industrial water, firefighting water, and other essential liquids across residential, commercial, and industrial sectors.

What Is GRP Sectional Tanks?

GRP Sectional Tanks (Glass Reinforced Plastic Sectional Tanks) are a type of modular water storage system made from glass-reinforced plastic, commonly referred to as fiberglass. These tanks are constructed from individual panels that are assembled on-site to create a tank of any desired size and capacity. Known for their durability, lightweight nature, and corrosion resistance, GRP Sectional Tanks are widely used for both potable (drinking) water and non-potable water storage.

Types of GRP Sectional Tanks

GRP (Glass Reinforced Plastic) Sectional Tanks are highly versatile, and their modular construction allows for various configurations depending on the requirements. These tanks are available in different types and designs based on the specific needs of the application, such as water storage capacity, environment, and installation methods. Below are the main types of GRP Sectional Tanks:

Why Choose GRP Sectional Tanks?

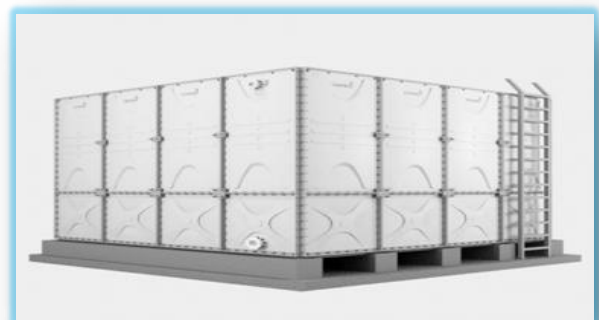
GRP Sectional Tanks (Glass Reinforced Plastic Sectional Tanks) are rapidly becoming one of the most preferred choices for water storage in residential, commercial, industrial, and municipal applications. Their versatility, durability, and cost-effectiveness make them an excellent choice for both large and small-scale water storage needs.

GRP Sectional Tank Dimensions

The dimensions of GRP Sectional Tanks vary depending on the manufacturer, application, and specific requirements of the project. However, the basic dimensions are determined by the modular panels, which can be customized to suit different water storage capacities and space constraints. GRP sectional tanks are constructed from panels, and the size of the tank can be adjusted by adding or removing panels.

Key Features of GRP Sectional Tanks

1. Durability and Longevity
2. Modular Design
3. Lightweight and Easy to Handle
4. Corrosion and Chemical Resistance
5. Hygienic and Safe for Drinking Water
6. Customizable Shapes and Sizes
7. Thermal Insulation
8. Easy to Maintain



Customizing the Capacity of GRP Sectional Tanks

GRP Sectional Tanks offer exceptional flexibility in terms of capacity, allowing them to be tailored to meet a wide range of water storage requirements. The capacity can be easily adjusted by configuring the number of panels used, the size of the panels, and the dimensions of the tank itself. Here's a deeper look at how the capacity can be customized based on specific project needs:

Custom Shapes for GRP Sectional Tanks

While the standard shape of GRP Sectional Tanks is typically rectangular or square, these tanks can be customized to fit specific requirements and maximize space utilization. Custom shapes such as L-shaped or T-shaped configurations are particularly beneficial in scenarios where the tank needs to integrate seamlessly into existing structures or where space is limited or awkwardly shaped.

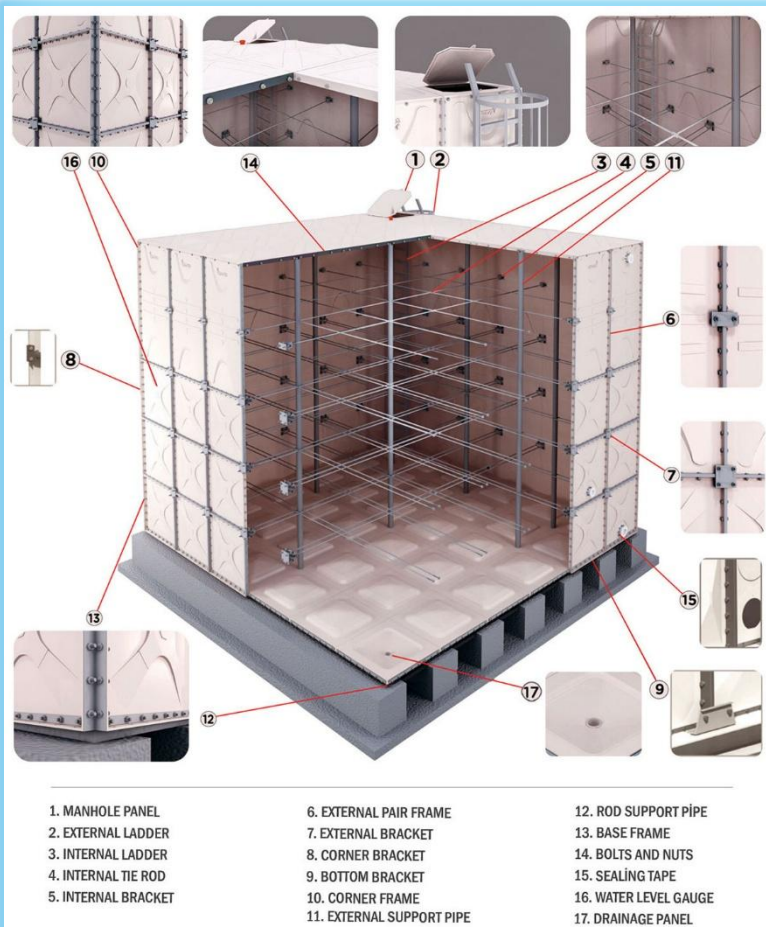
Installation Process of GRP Sectional Tanks

The installation of GRP (Glass Reinforced Plastic) Sectional Tanks is relatively straightforward due to their modular design. These tanks are assembled on-site by joining individual panels, making the installation process flexible and adaptable to different space configurations. Below is a step-by-step guide to the installation process of GRP sectional tanks.

Color and Finish Options

GRP sectional tanks can be fully customized in terms of color and surface finish to suit the specific requirements of the installation environment. Whether it's to blend seamlessly with surrounding architecture, enhance visual appeal, or meet regulatory or safety standards, different colors and finishes offer both functional and aesthetic benefits.

APPENDIX A PHOTOGRAPHS



HDG SECTIONAL WATER TANK



HDG (Hot Dip Galvanized) Sectional Tanks: A Comprehensive Guide

Introduction to HDG Sectional Tanks: In this comprehensive guide, we explore the innovative features, applications, and advantages of **HDG (Hot Dip Galvanized) Sectional Tanks**. As trusted suppliers of these advanced water storage solutions, we offer valuable insights into their functionality, benefits, and diverse applications.

Why Choose HDG Sectional Tanks?

HDG (Hot Dip Galvanized) sectional tanks offer several advantages like Excellent durability, Corrosion resistance, Cost-Effectiveness, Low Maintenance, Ease of Installation more over Hygienic storage and Customization. These tanks are recommended for various industries, civil water supply, HVAC, firefighting, food, beverage, vintage, water treatment, medicine, petroleum and chemical so on.

Advantages of HDG Sectional Tanks

HDG sectional tanks are robust and long-lasting. The galvanized steel panels are protected by a layer of zinc, which prevents rust and corrosion, ensuring the tank remains in top condition for years. This high level of durability makes HDG tanks suitable for both outdoor and industrial use, where they will be exposed to harsh weather conditions or chemicals.

What are HDG Sectional Tanks?

HDG Sectional Tanks, also known as Hot Dip Galvanized Sectional Tanks, are modular water storage systems constructed using steel panels that are coated with hot-dip galvanized (HDG) material for enhanced durability and corrosion resistance. These tanks are typically assembled from pre-fabricated sections or panels, which are connected together on-site to form the final tank structure.

The hot-dip galvanization process involves immersing steel components into molten zinc, creating a strong protective layer that prevents rust and corrosion. This makes HDG sectional tanks ideal for environments exposed to moisture, chemicals, or extreme weather conditions.

Key Features of HDG (Hot Dip Galvanized) Water Tanks:

Corrosion Resistance:

Zinc Coating: The tanks are coated with a thick layer of zinc through the hot-dip galvanizing process, which offers exceptional protection against rust and corrosion. This ensures that the tank can withstand harsh environments, including exposure to water, chemicals, and extreme weather conditions, for many years

Durability and Strength:

Long Lifespan: The galvanized steel construction, combined with its corrosion-resistant properties, gives HDG water tanks an extended lifespan. These tanks are resistant to damage from external factors, physical impacts, and harsh environmental conditions, making them suitable for long-term storage needs.

Low Maintenance:

Minimal Upkeep: Due to the inherent corrosion resistance, HDG tanks require very little maintenance throughout their lifespan. This reduces long-term operational costs, saves time on repairs, and minimizes the need for frequent inspections or replacements.

Customization:

Flexible Design: HDG tanks can be easily customized in terms of size, shape, and capacity to meet specific requirements. Whether for residential, industrial, or agricultural use, the tanks can be built to accommodate a wide range of liquid storage needs.

Modular Construction: The tanks are made from individual panels that can be assembled or disassembled. This modular design allows for easy transport, installation, and future expansion if additional storage capacity is required.

APPENDIX A PHOTOGRAPHS



GLS WATER TANK

BALADANA MILK FACTORY



In this comprehensive guide, we'll explore the innovative features, applications, and advantages of GLS (Glass Lined Steel) Tanks. Whether you are a potential buyer or simply seeking information about this storage solution, this guide will provide all the necessary details to help you understand how GLS tanks can meet your needs.

What are GLS (Glass Lined Steel) Tanks?

GLS tanks are steel tanks that feature a protective glass lining on the interior. This advanced coating provides the benefits of both steel and glass—the strength and durability of steel combined with the non-reactive, corrosion-resistant, and hygienic properties of glass.

WHY CHOOSE GLS TANKS

The excellent protection of the glass lined steel against corrosion, the dielectric strength and abrasion resistance, the hygienic surface, the temperature resistance and the resistance against aggressive media with excellent long-time resistance favor the use of enamel. Quick and easy assembly, long lifetime and low maintenance make glass lined steel tanks very user-friendly. They are very strong and suitable for complicated applications like bio-reactors, aeration- and clarifier tanks, sludge and biogas tanks, tanks for biological oil-products, silos and tanks for the storage of potable and waste water and lots more.



GRP MOLDED TANK



Our GRP Molded Tanks are engineered to provide a secure and hygienic solution for storing various types of water — including potable water, treated water, and sweet water. These tanks are designed to meet the rigorous demands of diverse applications across Qatar, ensuring safety, durability, and performance in every installation.

Why Choose GRP Molded Tanks?

GRP (Glass Reinforced Plastic) Molded Tanks represent a modern and advanced storage solution, outperforming traditional materials in both resilience and efficiency. Constructed using high-quality glass fibers combined with durable resins, these tanks offer:

Septic / Sewage Tanks

Our Septic and Sewage Tanks are engineered to provide efficient, durable, and environmentally safe solutions for wastewater storage and treatment. Designed to meet the highest standards, these tanks are ideal for residential, commercial, and industrial applications where reliable sewage management is essential.

Potable Water Tanks

Our Potable Water Tanks are specially designed for the safe and hygienic storage of drinking water, ensuring the highest standards of water quality in every application. Made from non-toxic, food-grade materials, these tanks are ideal for both residential and commercial use where clean, safe drinking water is essential.



POLYETHYLENE WATER TANKS

Almalitha is considered one of the best polyethylene (Plastic) tanks factories in the State of Qatar. Our factories have been operating for more than 15 years, we are ISO certified (9001:2015) and provide several types, sizes and colors according to customer requirements.

Types:

1. Horizontal tanks
2. Vertical tanks

Manufacturing Process: Manufacturing machines: Almalitha is distinguished by owning state of the art machines for manufacturing tanks with the highest standards of quality in all stages of manufacturing, using the latest devices, equipment, and the best approved raw material.

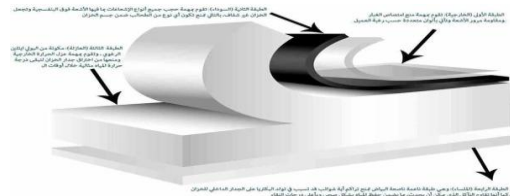
Manufacturing material: The manufacturing material is polyethylene supplied from), accredited in water tanks manufacturing from Qatar Standards, Metrology and Quality Organization, and the European Food and Drug Administration.

Specifications and Features

- 4-layer tanks
- 10 years guarantee
- 100% Qatar tank with European specifications
- Tight and sturdy cover
- Internally smooth which fixes splices and prevents leakage
- Accredited by Food and Drug Administration (FDA), which is adopted by the European Union
- Internally and externally soft and protected against algae and bacteria
- Sun and UV rays resistant
- Light-weight, resilient, and has a tight cover that doesn't allow the entrance of dust, dirt, and insects
- Available in horizontal and vertical circular shapes, in all sizes and colors
- We use and develop our product continuously according to the data we receive from local and global markets

Installation Method

- The tank must be placed on a perfectly flat surface.
- The base of the tank must be on a flat surface (Can't be placed on bridges or uncompleted blocks, even if it's flat or only touching the tank's stand).
- Not to place or support any heavy objects on the tank, such as (attaching an umbrella to the body of the tank, placing tiles, wood, or any material on any side of the tank)



GRP Structural Lining System

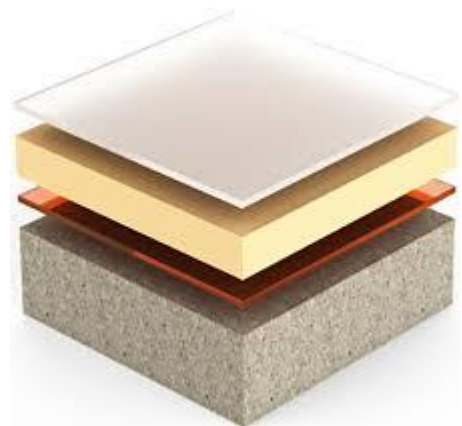
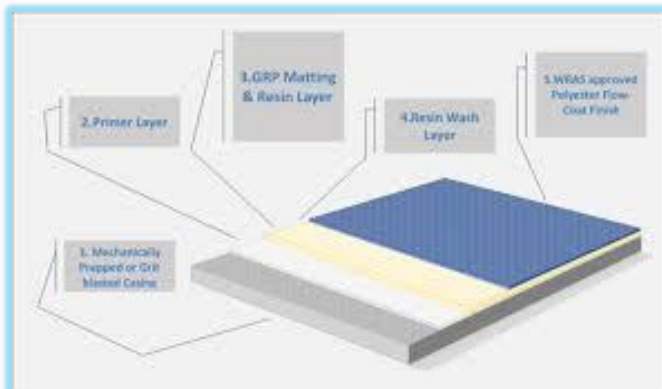
A GRP (Glass Reinforced Plastic) structural lining system is a trenchless rehabilitation technology used to restore and enhance the structural integrity of existing underground pipelines. This method involves installing a GRP liner inside the deteriorated host pipe, effectively creating a "pipe within a pipe." The GRP liner is designed to bear structural loads independently, allowing it to extend the service life of the pipeline without the need for excavation.

GRP structural liners are commonly used in sewer, stormwater, and industrial applications due to their high strength-to-weight ratio, corrosion resistance, and long-term durability. As part of trenchless rehabilitation techniques, GRP lining minimizes surface disruption, reduces project timelines, and lowers overall rehabilitation costs.

This system is also referred to simply as a structural liner and is one of the most reliable options for restoring pipelines that require full structural renewal.

APPENDIX A

PHOTOGRAPHS



HDPE LINING SYSTEM



HDPE (High-Density Polyethylene) structural lining system

High-Density Polyethylene (HDPE) lining is a robust and versatile solution widely used across various industries to enhance the durability and efficiency of infrastructure and systems. Renowned for its high tensile strength, chemical resistance, and longevity, HDPE lining serves as an excellent protective barrier in numerous applications, ensuring both environmental safety and operational reliability.

APPLICATIONS

Water and Wastewater Management

Pipelines: HDPE lining in pipelines prevents leaks, reduces maintenance costs, and ensures the safe transport of potable water and wastewater. Tanks and Basins: HDPE-lined tanks and basins resist corrosion and chemical attacks, extending

HDPE Material Specifications

Thickness: 0.5mm – 2.0mm

Width: 4.2mtr – 8mtr

Length: 50m-200mtr/ roll or as requested.

Material: HDPE

Good flexibility for easy installation

Operational temperature range: -70°C ~ 110°C

Corrosion-resistant

Color: Black

APPENDIX A PHOTOGRAPHS



GRP FIBERGLASS COMPOSITE PRODUCTS

GRP stands for Glass Reinforced Plastic. It is also called fiberglass, composite plastic or FRP. It is strong, extremely light and highly versatile. GRP behaves differently to the conventional thermoplastics that are used in everyday items. This means that it has properties that are useful for a range of applications within many industries.

GRP HANDRAILS



GRP handrail stands for "Glass Reinforced Plastic" handrail. It's a type of handrail made from a composite material composed of plastic reinforced with glass fibers. GRP handrails are known for their durability, strength, and resistance to corrosion, making them suitable for outdoor and industrial applications where traditional materials like wood or metal might degrade or corrode over time. They are commonly used in areas such as staircases, walkways, platforms, and industrial settings where safety and longevity are key considerations.



GRP GRATINGS

Slip Resistance: The surface of GRP gratings can be designed to provide excellent slip resistance, enhancing safety in wet or slippery conditions. This feature makes them suitable for use in industrial facilities, walkways, and platforms where the risk of slips and falls is a concern.

APPLICATIONS OF GRP GRATINGS

- Industrial Sector
- Marine Industry
- Water and Wastewater Treatment
- Manhole Cover
- Water Fountain Cover
- Water Theme Park
- Petrochemical Industry
- Power Industry
- Aerospace
- Oil & Gas Industry
- Automobile Industry
- Food & Beverages



LADDERS

Ladders offer a stable and robust platform for the user to stand on when completing DIY tasks, decorating or other general house maintenance tasks. Our ladder range includes extension ladders, roof ladders and finally step ladders which are available in GRP (Glass fiber Reinforced Plastic), HDG (Hot Dipped Galvanized), MS (Mild Steel) and SST (Stainless Steel) in all certifications complying the QCS 2014 standard

A ladder is a tool used for climbing or reaching heights. It typically consists of two vertical side pieces called stiles, connected by horizontal rungs. Ladders come in various types, including step ladders, extension/retractable ladders, and platform ladders, each designed for specific purposes and heights. We provide the best quality of Ladders to the customer with high durability and free maintenance.

GRP LADDERS

GLASS REINFORCED PLASTIC

Electrical Work: GRP ladders are non-conductive, which makes them ideal for use in environments where there is a risk of electrical hazards. **Corrosive Environments:** The corrosion-resistant properties of GRP make them perfect for use in environments such as chemical plants, wastewater treatment facilities, or marine environments. **Outdoor Use:** GRP ladders are resistant to weather elements such as rain, snow, and UV radiation, making them suitable for outdoor use.

WHERE TO USE GRP LADDERS

Electrical Work: GRP ladders are non-conductive, which makes them ideal for use in environments where there is a risk of electrical hazards. **Corrosive Environments:** The corrosion-resistant properties of GRP make them perfect for use in environments such as chemical plants, wastewater treatment facilities, or marine environments. **Outdoor Use:** GRP ladders are resistant to weather elements such as rain, snow, and UV radiation, making them suitable for outdoor use.

High-Humidity Areas: In environments with high humidity, such as swimming pools or indoor water parks, traditional metal ladders can rust and become unsafe.

Hygiene-Sensitive Environments: In places where cleanliness is crucial, like food processing plants or hospitals, GRP ladders are easy to clean and sanitize, making them more hygienic than other ladders.

Chemical Resistance: GRP ladders are resistant to a wide range of chemicals, making them suitable for use in industries where exposure to corrosive substances is common, such as chemical manufacturing or laboratories.



HDG LADDER

Hot Dipped Galvanized Ladder

HDG typically stands for Hot-Dip Galvanized, referring to a process where steel ladders are coated with a layer of zinc to protect them from corrosion

KEY FEATURES

Maintenance: HDG ladders require minimal maintenance due to their corrosion-resistant properties, reducing the need for frequent painting or coating

Material: Steel ladders are typically used for HDG treatment due to their strength and durability.

Corrosion Resistance: The hot-dip galvanizing process creates a protective layer of zinc on the surface of the ladder, making it highly resistant to corrosion, rust, and weathering

HDG WHERE TO USE HDG LADDERS

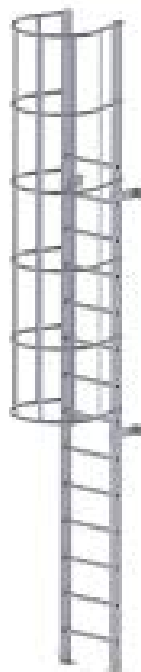
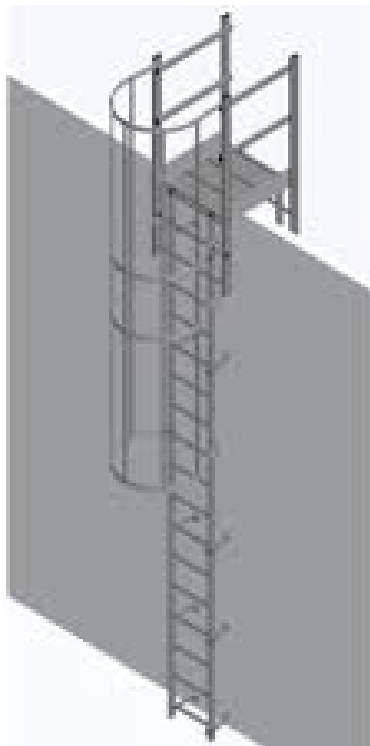
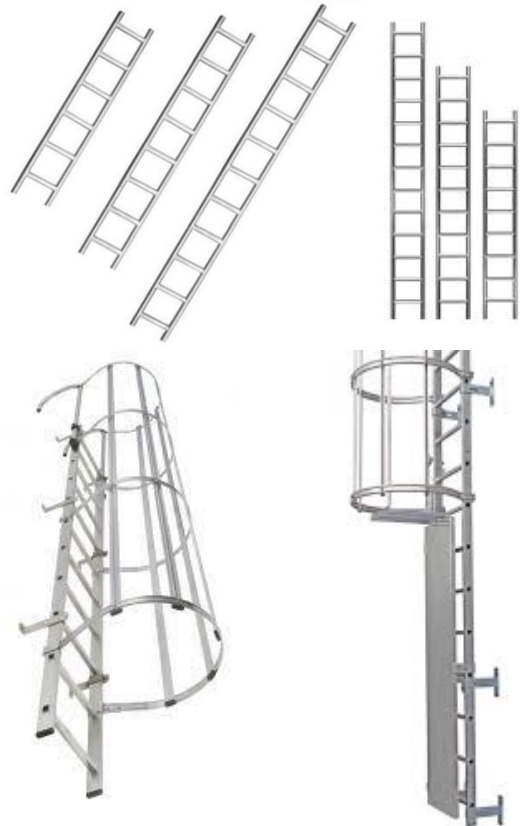
Outdoor Structures: HDG ladders are commonly used in outdoor structures such as communication towers, utility poles, bridges, and industrial platforms where exposure to the elements and corrosion is a concern.

Construction Sites: HDG ladders are suitable for construction sites where durability and resistance to weather conditions are essential. They are used for accessing elevated areas, scaffolding, and temporary structures.

Industrial Facilities: In industrial settings such as factories, refineries, and warehouses, HDG ladders are used for maintenance, access to machinery, and elevated work platforms.

Marine Environments: Due to their corrosion resistance, HDG ladders are used in marine applications, including docks, piers, ships, and offshore platforms.

Agricultural Sector: In agricultural settings such as barns, silos, and storage facilities, HDG ladders are used for accessing elevated areas and performing maintenance tasks.



OUR CLIENT



وزارة الداخلية
Ministry of Interior
دولة قطر • State of Qatar



اللجنة العليا
للمشاريع والأرث
Supreme Committee
for Delivery & Legacy



CONSULTANT



OUR BUSINESS PARTNER





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