



ABOUT US

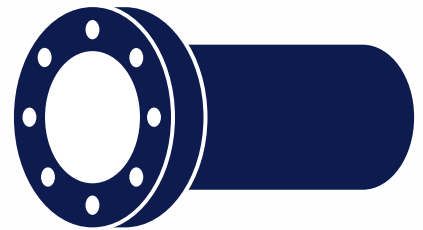


Masar Al Taqadom is a leading Saudi company specializing in the import and export of advanced solutions for irrigation, drinking water, fire extinguishing, and Derange system. The company was established to meet the growing market needs in Saudi Arabia and neighboring countries for reliable, high-quality systems and equipment that enhance the efficiency and safety of water systems.



The company is led and developed by Engineer Fawzi Al-Tawil, who has over 30 years of experience in this field. His extensive expertise has strengthened the company's position in the Saudi and regional markets, making it a trusted partner for numerous key projects and integrated solutions in the fields of drinking water, irrigation, fire extinguishing, and Derange system.

Masar Al Taqadom is distinguished by offering a wide range of products, most notably ductile iron pipe fittings. The company also provides polyethylene fittings (BUTT FUSION & ELECTRO FUSION) used for infrastructure projects, Derange system and water networks, as well as fire extinguishing systems.



- **Quality:**

The company constantly strives to ensure the continued efficiency of the products it offers, making it a preferred partner in infrastructure projects that require effective and long-term solutions. This approach ensures smooth workflow and prevents issues that could otherwise require significant time, effort, and cost to repair.



- **Innovation:**

Masar Al Taqadom strives to enhance innovation in the import and trade of water connection components. The company focuses on developing advanced solutions that meet the evolving market needs, contributing to the improved efficiency of drinking water, irrigation, firefighting, and sanitation systems. By adopting the latest technologies and innovations, Masar Al Taqadom ensures the provision of high-quality products that meet customer requirements and enhance the sustainability of projects in the region.



- **Our Vision:**

Leading the way in providing innovative and sustainable infrastructure solutions.

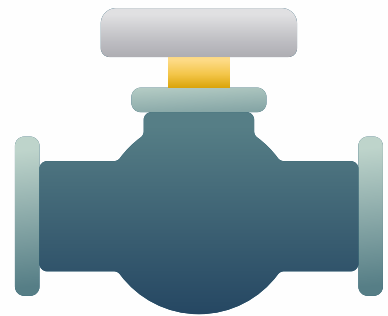


- **Our Mission:**

Excellence in providing reliable and sustainable solutions to meet infrastructure needs.

► Mechanical Valves are divided into:

1. Mechanical gate valve, These valves are made of ductile iron (GGG40-10 & GGG500-10) and can withstand high pressure (PN25 & PN40) , They are used and installed on the main lines of water systems.



- The valve consists of the following parts, Body : CI \ DI
- Disc : DI + EPDM
- Bonnet : DI
- Stem : Stainless Steel
- O-Ring : NBR \ EPDM
- Pusher Nut : Brass
- Operated Part : Handwheel, Cap, Gearbox
- This is valves connected to the lines via (steel flange or socket), It is installed on water lines made of (ductile - P.V.C. - Polyethylene).
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3. Globe Valves : This type are made of (ductile iron) and can withstand pressure (PN16 - PN10), They are used for irrigation systems and fire extinguishing systems

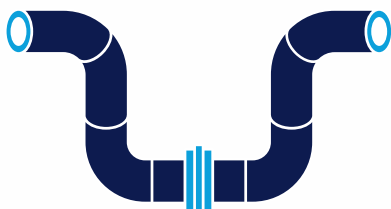
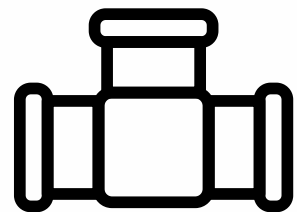
- The assembly consists of the following : Body : CI
- Bonnet : DI
- Stem : S.S.
- Disc : DI
- Seat : Brass
- operated part : Handwheel
- This type of valves is used to reduce pressure loss in the lines and also resist the phenomenon of water hammer.

2. Butterfly Valves : This type are made of (ductile iron or carbon steel) and can withstand pressure (PN16 - PN10), They are used for irrigation systems as well as water systems also

- The assembly consists of the following : Body : CI \ DI
- Disc : CI \ S.S.
- Seat : NBR \ EPDM
- Stem : S.S.
- Taper Pen : CS
- Bolts and Nut : CS
- Operated Part : Hand , Gearbox
- Flanges are used to connect to the lines

► Ductile Fittings:

- Ductile fittings are manufactured from cast iron material models (GGG450-10 & GGG500-10) and also some fittings manufactured from carbon steel.
- All these fittings are characterized by flexibility and hardness as well can withstand high pressure (PN25 & PN40).



- They are used to connect between cast iron pipes and P.V.C. Pipes also, It is have two types (inches - millimetres).
- This is fittings have different shapes such as (coupling - reducer - end cap - tee - elbow - saddle -----) and also some parts are manufactured with threaded for installing the thread valves.



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