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Water Technology Solutions

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# SLUICEGATES



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## Face Wall Mounted Sluice Gates

Fabricated water control Sluice / Slide gates provide reliable performance for water, wastewater and hydropower applications. They are known for their excellent sealing / leak resistance and for their long service life. Each gate is custom-designed as per project's specific requirements including seating and unseating heads, type of closure arrangement, open top frame gate or self contained type frame gate, rising stem or non-rising type stem etc. incorporating safety factors per AWWA / BS7775 standards.

### Silent Features of our Gates:

- Design & Tested as per AWWA C561/ BS 7775 std.
- Sluice Gates can be designed for upto 10m water head and can be provided in sizes range from 150x150mm to 1200x1200mm, depending upon client requirement.
- Gates can be manufactured in MS / Aluminum / SS / Super Duplex material as per client requirement.
- Simple design with low maintenance, leads to Competitive cost of product.
- Can be operated manually, electrically or through gearbox as per client requirement.
- Provides sealing under permissible specified leakage rate as per specified design std.



## Open Channel Sluice gates

Fabricated Open Channel gates are generally used in open channel of water or sewage. These gates are fixed between two parallel walls used to isolate the flow to and from the open channel. These are light weight, economical as compared to Face Wall mounted Sluice gates. The important factor should consider during design is that, height of water in closed condition should be less than height of gates.

Each gate is custom-designed as per project's specific requirements including seating heads, type of closure arrangement, self contained type frame gate, rising stem or non-rising type stem etc. incorporating safety factors per AWWA C561/ BS7775 / Adroit Manufacturing standard. Likewise sluice gates, Leakages test is not applicable in these gates as these are 3 side sealing gates.

### Silent Features of our Gates:

- Design & Tested as per AWWA C513/ BS7775 / AWWA C561 / as per Adroit Manufacturing std.
- Channel mounted gates can be provided in sizes range from 150x150mm to 1500x1500mm, depending upon client requirement.
- Mounting of Channel mounted gates can be provided as Side Wall Anchored, Side Wall Embedded type, Face Wall mounted type.
- Gates can be manufactured in MS / Aluminum / SS / Super Duplex material as per client requirement.
- Simple design with no maintenance, leads to Competitive cost of product.
- Can be operated manually, electrically or through gearbox as per client requirement.

### Application:

- > Flood Control
- > Irrigation Projects
- > Drainage Systems
- > Soil Conservation Projects
- > Water Treatment Plants
- > Sewer Treatment Plant

