



Hot Water Storage Tanks

Construction of Material: Stainless Steel vs Mild Steel



Mild Steel



**Stainless Steel
304**

Water Quality Limit

TDS limit up to 1000ppm
Chloride up to 500ppm
Hardness upto 50ppm
pH 6 to 8

Water Quality Limit

TDS limit up to 300ppm
Chloride up to 100ppm
Hardness upto 50ppm
pH 6 to 8

Corrosion:

Iron content in Mild steel reacts with moisture in the air and form iron oxide, but when the tank is filled with water, there is no scope for that, esp. when the inside portion of the tank is coated with special epoxy coating.

Corrosion:

Stainless Steel provides considerable resistance towards corrosion till the water TDS limit only.

On Site Repairs

Easily possible

On Site Repairs

Best done at works

Alpine Energies Pvt. Ltd.

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