

Silica Removal



Innovative & Indigenous Tight UltraFiltration (TUF) Process



SiRe-TUF

MTPL uses Tight Ultrafiltration (TUF) hollow fiber membrane process to remove colloidal silica. TUF hollow fiber membranes are designed and developed to effectively treat the wastewater for Silt Density Index (SDI) reduction and Colloidal Silica removal besides normal filtration. TUF technology utilized in the treatment plants also ensures purified water can be made available as source for boiler makeup water.



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Benefits

- Low energy consumption
- High removal of silica content
- Excellent chemical resistance
- Good after-sales and service
- Bacterial and virus removal

Applications

- Power Plant
- Thermal Plant
- Cooling Tower
- Bore-well Water