



# **WATER TREATMENT SOLUTIONS**



Pennar Industries – Enviro BU offer sustainable solutions to enhance your utilities (water, fuel) efficiency. Pennar has state-of-the-art manufacturing unit at Hyderabad to manufacture and supply water treatment chemicals and promoted in “PENNTREAT” brand.

Pennar developed specialty formulations to improve your system’s longevity and energy efficiency. Pennar program enhances the asset life and reduces the downtime of asset maximizing utilization as per design. The range of chemicals include Boiler water treatment chemicals, Cooling water Treatment Chemicals, RO Antiscalant and various other water treatment dosing chemicals.

- Boiler Water Treatment Chemicals
- Cooling Water Treatment Chemicals
- Reverse Osmosis Membrane Treatment & Cleaner
- Defoamers & Descalants
- Raw & Effluent Water Treatment Chemicals
- Specialty Chemicals

## Boiler Water Treatment

- 1) Corrosion Inhibitors
  - a) Organic Blends
- 2) Oxygen Scavengers
  - a) Catalyzed Sulfite Based
  - b) Catalyzed Hydrazine Based
  - c) Alternate treatment
- 3) Deposit Controllers
  - a) Phosphate based
  - b) Polymer based
  - c) Blend of Polymer and Phosphate based
- 4) Condensate Treatment Products
- 5) Alkalinity Builder (Both Organic & Inorganic)
- 6) Single Drum Treatment for Packaged/Small Boiler Water system
- 7) Special Multi functional blend of Tannin & Polymeric dis present.
- 8) Boiler Feed water treatment
  - a) Organic
  - b) Inorganic
- 9) Pre-commissioning Boiler Chemicals
- 10) Pre cleaning chemicals.
- 11) Passivation Chemicals



## RO Water Treatment

- RO Antiscalant
- Membrane Pre-treatment Chemicals
- Membrane Cleaners
- Scale Inhibitors
- Fouling Dispersants
- CIP Treatment
- Alkalinity Controller
- Alkalinity Builder



## Cooling Water Treatment

- Corrosion Inhibitors
- Scale Inhibitors
- Dispersants
- Bio-dispersants
- Pre-cleaning chemicals
- Passivation chemicals
- Non-Oxidizing micro-biocides
- Oxidizing micro-biocides



## Other Services and Applications



### Agua Ready Insta Test Kits

- Instant results
- Reliable
- Economical
- Convenient

### Laboratory Services

- Water Parameters and performance study
- Fuel Parameters and performance study



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