

BOILER WATER TREATMENT SOLUTION

Chemical Products for your
Boiler Water Treatment System



POWER
CHEMICAL SERVICES

Consistent Performance of your Steam Production

Many industrial processes required steam for many purposes, heating, electricity generation, or even as a raw material for a chemical reaction. Steam that is generated from a boiler will produce various operational problems in a boiler system if left untreated. Our boiler feedwater treatment solutions will increase your boiler efficiency without sacrificing your boiler integrity

POWER CHEMICALS provide you with various chemicals for your optimal boiler water treatment, thus providing you with a robust asset & performance integrity of your most precious steam generating asset.



Our **Boiler Water Treatment Solutions** are a perfect fit for :

- Low pressure boiler for heating purposes
- Medium/High pressure boiler for electricity generation purposes
- Hot water systems for heating purposes



Our Chemical Products

POWER ZOXTM : Oxygen Scavenger for Deaeration Process

Oxygen that is diluted in water will increase the corrosion characteristics of a boiler feedwater. Our various **POWER ZOXTM Oxygen Scavenger** will remove any traces of oxygen on your deaerator unit and preventing oxygen from entering your boiler system

POWER NETAMINETM : Neutralizing Amine for Boiler Condensate Treatment

Pure condensate water from steam boilers are highly pure, thus they are sensitive to traces of carbonic acids and sulphate residues that could lower the pH of the pure condensate water and increase corrosion tendencies. Our **POWER NETAMINETM Neutralizing Amine** are specifically designed to keep your condensate pH levels to protect your boilers from unwanted corrosion from acid attacks .

POWER FILAMINETM : Filming Amine for Corrosion Protection

Our various formulations of **POWER FILAMINETM** Filming Amines chemicals will form a protective layer on the condensate piping to protect it from both oxygen and acid attack. The filming amines should be continuously fed into the steam header with an injection quill based on steam flow.

POWER SCALE-XTM: Phosphate Treatment Scale Inhibitor for Boiler System

Our **POWERSCALE-XTM Phosphate & Polymer Based Scale Inhibitor** products precipitates calcium or magnesium into soft deposits. Additionally, it helps to promote the protective layer on boiler metal surfaces. However, phosphate forms sludge as it reacts with hardness; blowdown or other procedures should be established to remove the sludge during a routine boiler shutdown.



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