



DESIGN FOR SUSTAINABILITY



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BOILER WATER TREATMENT CHEMICALS

D4S CHEM ANTISCALANT & CORROSION INHIBITORS

The accumulation of scale and metallic corrosion are significant issues affecting the operation and maintenance of industrial boiler systems and steam raising plant. A wide range of organic based formulated chemicals to control scaling and corrosion for internal treatment of boilers from low to high pressure boilers. This can be used to maintain system free from scaling and maintaining boiler metallurgy safe.



D4S CHEM OXYGEN SCAVENGERS

Oxygen related metallic corrosion is a significant issue in the operation and maintenance of industrial boiler systems and steam raising plant. Liquid and powder based oxygen scavengers to prevent boiler tubes from puncture and corrosion.



D4S CHEM pH BOOSTERS

To maintain pH level as per Is standards in the blow down water, we recommend alkaline based chemicals without adding TDS to blow down



D4S CHEM SLUDGE CONDITIONERS

Boiler Water Sludge is caused by small quantities of hardness salts and traces of suspended matter present in operational steam boilers and feed waters. To control sludges in the blowdown sludge conditioners can be used



D4S CHEM CONDENSATE CORROSION INHIBITORS

The Protection Of Steam Boiler Condensate Line Is An Important Issue Affecting The operation and maintenance of industrial boiler systems and steam raising plant. Condensate corrosion is major problem in the boilers where condensate return water is used. A neutralizing amine based chemicals is used to neutralize condensate water.



D4S CHEM RICE MILL BOILERS

CHEMICAL FOR RICE MILL BOILERS

Food grade chemicals can be supplied for rice mill boilers to maintain boiler free from scaling & Maintenance work



D4S CHEM COIL TYPE BOILERS CHEMICALS

Multi Function Chemicals will be supplied where TDS Should not be increased. Our Chemicals will maintain pH, Control scaling, Control oxygen pitting using single product.



COOLING TOWER WATER TREATMENT CHEMICALS



D4S CHEM ANTISCALANT & CORROSION INHIBITORS

D4S Chem range of organo phosphate based chemicals to be recommended for control scaling corrosion in heat exchangers, coolers and condensers.

D4S CHEM OXIDISING BIOCIDES

Oxidising biocides are special chemical agents capable of oxidising organic matter, e.g. cell material, enzymes or proteins associated with microbiological populations, resulting in death of the micro-organism.



D4S CHEM NON-OXIDISING BIOCIDES

Non-oxidising biocides describe special chemical agents that function by mechanisms other than oxidation, including interference with cell metabolism and structure.



D4S CHEM BIO DISPERSANTS

The control of microbiological activity is an important, often safety critical activity in many commercial, manufacturing and industrial process application



D4S CHEM CHILLER CORROSION INHIBITORS

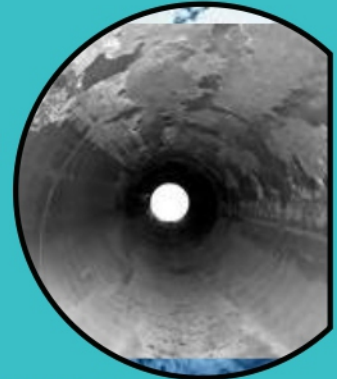
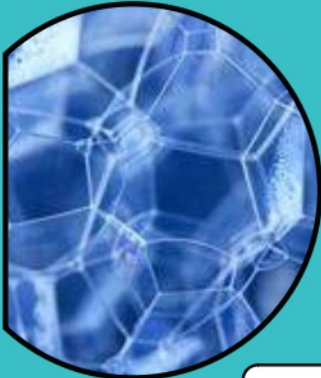
Closed circuits and closed loops that employ water as a primary medium are used extensively in many commercial, manufacturing and industrial process activities.



ETP CHEMICALS

D4S CHEM DEFOAMERS

Unwanted foaming can be problematic in any commercial, manufacturing and industrial process application, consequently it requires careful control measures to minimise or eliminate its impact.



D4S CHEM DECOLOURING AGENTS & SETTLING CHEMICALS

Chemicals will be available to decolour the water and to settle the suspended / dissolved impurities present in dyeing or textiles unit. Poly electrolytes / Flocculant also will be supplied by D4S Industries



R.O. CHEMICALS

D4S CHEM MEMBRANE ANTISCALANTS

MEMBRANE ANTISCALANTS as water passes along the membrane surface the solids concentration increases and some sparingly soluble salts to exceed their solubility and precipitate. When precipitated into the membrane surface this causes fouling that may reduce output and increase product water conductivity. The worst of these solids being calcium carbonate and calcium sulphate and so the prevention of their precipitation is vital if the membrane is to function efficiently.

D4S CHEM MEMBRANE DESCALANTS

Reverse Osmosis Membrane cleaners-the use of high quality membrane cleaners is an important part of any reverse Osmosis Plant Maintenance programme. There are advantages in cleaning membranes at an early stage of fouling as irreversible damage can occur when cleaning excessively fouled membranes. Although cleaning techniques acceptable to the membrane manufacturer or Oem should not harm the membrane, the operator should always refer to the manufacturer's instructions before starting any cleaning programme.

D4S CHEM MEMBRANE BIOCIDES

Reverse Osmosis Biocides - non-oxidizing, non-ionic biocides can be used either on line or as part of a cleaning program to control bio-fouling in reverse osmosis (ro) membranes. When used as an on-line treatment, the biocide should be dosed prior to the ro system to control bio-growth in the membranes.

SUPPLY OF FUEL & FIRE SIDE ADDITIVES



D4S CHEM SUPPLY OF PRE & POST TREATMENT WATER PLANTS



We supply Different types of water treatment plants based on the impurities present in the raw water, Sewage water, effluent water and application operation and maintenance of plants also will be handled by our expert teams



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