



We understand your needs

Wex Polymeric Industries

**DESCALING & WATER TREATMENT FOR BOILER, GENERATIONS,
A.C. PLANTS, INDUCTION FURNACES AND COOLING CIRCUITS**

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A COMPLETE WATER TREATMENT SOLUTIONS

SCALES & HARMFUL EFFECTS

Water Contains considerable amounts of scale forming constitutions e.g. calcium & Magnesium-bicarbonates, Sulphates, Magnesium hydroxide, Silica, Slimealgae, corrosion products, stil & sludge etc. The scale deposit on metal parts and inside pipe line of heat exchangers, Evaporates, Boilers, Compressors, Vaccum Driers, Solar heaters, Generations A.C. Units and water cooling circuits.

The adherent scales impede Heat Transfer Capacity of the unit (Heat Conduction capacity of hard water scale is only 3.8 percent of steel) thus requiring 12% more fuel to achieve the same way the scales work as insulation for heart transfer in exchangers, Compressors and Generations. Which results in energy loss and higher pressure for the compressors. The scale formed also obstruct fluid flow, cause localisation corrosion attack, metal failure at hot spots and education in the capacity of heart transfer tubes.

SCALES CLEARING & PREVENTION

The loss of energy, downtime of various equipments and replacements of expensive tubes and components can be prevented by periodic scale cleaning scale, Mechanical removal of scales involving dismantling of parts is cumbersome, time consuming and inefficeint in cleaning various in accessible areas of the assessable unit chemical cleaning as more efficient in accessible positions.

In addition to scale cleaning a number of water treatment compounds have been formulated to prevent scaling, Corrosion and Algae that will keep the equipment clean efficient for a long period of usage.

DESCALING COMPOUNDS

PRODUCTS	APPLICATION	DOSAGE/DILUTION
AQUACLEAN - W49	Chemical Cleaning of Boilers Steam Processing Unit Heat Exchangers, Compressors & Cooling Circuits	10-20% In Water
AQUACLEAN - W50	With Extra Silica Solubliser And Inhibitor	1 l In Water
NEUTRASOL	For Neutralisation Over Acids And Passivation After Descalling	1%
RESIN CLEANING	Chemical Cleaning Of Softener Resin	30-40% of Resin

COOLING WATER TREATMENT

COOL CARE - W51	Single Chemical Treatment of closing an small cooling circuits such as PVC, Rubber Moulding Induction Heating, heat Exchanger Oil Cooler Etc.	100-200 ppm of make up water
COOL CARE - W53	Single Chemical Treatment for open Recirculation System in A.C. Plants, Heat Exchangers, Melting Furnaces, Compressors and D.G. Sets for Prevention of scaling corrosion and etc.	40-60 ppm of make up water
COOL CARE - W56	Very Effective Cooling water Treatment for large capacity heat Exchanger Vaccuum Driers, compressors, Melting Furnaces, Fertilizer, Refinery Mills Vanaspati Plants Chilling Units etc.	10-30 ppm make up water
COOL CARE - W67	Specially designed formulation for prevention of scaling. Corrosion and CAVITATION attack in the cylinder liner for high power chilling Units etc.	5% of the make up water
COOL CARE - W68	Removal of algae and slime for cooling water ponds and reservoirs	50 ppm of make up water
COOL CARE - W69	Removal of Algae and slime for large capacity of Cooling water ponds and reservoirs	30-40 ppm of make up water

BOILER WATER TREATMENT

STEAM CARE - W52	Single Chemical Treatment for prevention of scaling and corrosion in Small and baby boiler.	50-100 ppm of make up water
STEAM CARE - W54	Single Chemical Treatment for prevention of scales and corrosion for low and medium boilers.	30-50 ppm of make up water
STEAM CARE - W59	Removal of dissolved O (Oxygen) for prevention of corrosion.	2-5 ppm of make up water
STEAM CARE - W60	Removal of dissolved CO for Prevention of Acidification in the System and rising PH.	2-5 ppm of make up water

REVERSE OSMOSIS (R.O.) WATER TREATMENT CHEMICAL

R.O.F. - 20	Single Chemical Treatment for prevention of scaling in reverse Osmosis.	as Recpmended
AQUACLEAN A	Chemical cleaning of Reverse Osmosis Membrane	10% in water
AQUACLEAN B	Chemical cleaning of Reverse osmosis Membrane	10% in water

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