



AN ISO 9001 : 2008 CERTIFIED CO.



Quality Par Excellence ...



ORBIT
WATER QUALITY IMPROVER & DE-SCALER

Consider the Benefits :

- Wastewater recycling.
- It is 100% eco friendly.
- It eliminates biofilm hence controls bacteria level.
- Stops scale buildup and corrosion. on pipes and fittings.
- Just fit and forget ,no maintenance required once it is installed.
- It has no filters hence endless supply of soft water ,no flow limitation.
- Uses no chemicals. extends the life and improves performance of boilers and cooling plants.
- Keeps boiling plants, cooling towers, piping and condensers clean, thereby saving the held up time and maintenance.



De-scaling & Scale Prevention Process Without The Use Of Chemicals :

THE treatment of Industrysmart prevents dissolved minerals from bonding together to form crystals. ULF & VLF treatment also actively breaks down chemical bonds in any existing scale that is the fitting through which treated water of the Industrysmart system passes. After several months all pipes and equipment connected to the treated flow become scale-free, and corrosion buildup is completely removed.

Commercial Uses :

Commercial Industrysmart are as follows :

- Cooling Tower – efficient cooling as compressor tubes are not scaled.
- Vehicle service station - glass cleaned, reduction of salt on metallic parts.
- Hotels and restaurants - Dishwashers and equipment descaled, lathering improvement.
- Coffee cafes - less cleaning / maintenance of espresso machines, the coffee tastes better.
- For garden outside the industry - Effective growth and health of gardens, lawns, and nursery.
- Floor Cleaning - more efficient while cleaning when water softening chemicals are not used.
- Hospitals - Antiscaling and corrosion prevention in sterilizers / boiler, extended life of equipment.
- Dry Cleaning Facility - Lowered the dosing levels on dry cleaning chemicals, clothes are brighter and cleaner.
- Fittings and valves - Descaling of scales from existing plumbing and prevents further buildup, cooler pads need less frequent cleaning.

These are some of the common hard water problems faced in commercial uses. Since there are so many other problems also faced our product industrysmart solves them all. We will be your creative partners in solving your real world problems and reaching your goals set by you for us.

Boilers And Coolers :

In boilers the users observed that heating element get completely covered by scale formation and plumbing lines got choked .On using industrysmart within few months the heating element was completely descaled and water was flowing through the plumbing lines very smoothly. In cooling towers, users observe scale and grit removal from condenser, basin and infill, with an increased efficiency of cooling tower chillers. The condenser tubes started to shine like a gun barrel. Use of industrysmart is very beneficiary to coolers and boilers as use of industrysmart reduces the time consumed in boiling and cooling the material as the scale is completely removed from heating walls and louvers.



▲ BEFORE



▼ AFTER



▲ BEFORE



▼ AFTER



Results after the use of Industrysmart

Anti-corrosion :

Anti corrosion is one of the main role of industrysmart and continues to be its key feature. By breaking transient bonds, Industrysmart dissolves minerals more thoroughly and for longer than in untreated water. The resulting effective hydration of minerals, means they are less reactive and their corrosion activity is neutralized.

Stain Removal :

On the installation of industrysmart, surfaces that are in contact with the treated water become clean and shining, including metal, ceramic, stainless steel pvc, upvc , cpvc and plastic. Stubborn streaks on benches, implements, and equipment are permanently removed from surfaces because the unit keeps functioning indefinitely.

Removal Of Biofilms :

Biofilms are stains that are trapped by the mineral deposits (scale) and contain living microorganisms. Algae, fungi and bacteria are the main components of biofilms, and are breeding grounds for disease. Biofilms build up on sinks, pipes, ponds, and drains. When scale is removed, organisms lack a substrate to grow on and feed on, so bio-films are controlled. Industrysmart also activates the chlorine and, making it more efficient in killing bacteria.

Foam And Wash Quality :

Hard water contains high levels of minerals which interfere with foaming of soap. By breaking up bonds between mineral particles, foaming is greatly improved. Dishes, implements and surfaces are more effectively cleaned when lather is present. This effect together with removal of existing streaks and blemishes, means surfaces shines bright.

In Hospitals And Hotels :

Industrysmart reduces spotting and stains on glassware, cutlery and crockery in the kitchen and protects the dishwasher and sinks against unsightly scale. By removing scale, you will extend the life of your washing equipment, so saving on replacement costs.

Industrysmart produces softer water via ULF & VLF TECHNOLOGY that break bonds between minerals. Consequently, scale is removed from all downstream taps, nozzles, washers, pipe work and plumbing fixtures, without the need for de-scaling chemicals. Further buildup of scale in future is also prevented. Since scale is not in your system, it does not appear on your plates and cutlery.

Save on electricity, by de-scaling dishwashers and hot-water heaters to increase power efficiency. By operating espresso coffee machines with Industrysmart, machine life is extended and beverage temperature maintained, which affects flavour positively and generates return customers.

▼ BOILERS & STEAMERS



▼ COOLERS



▲ HOSPITALS



▲ COMMERCIAL KITCHEN



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