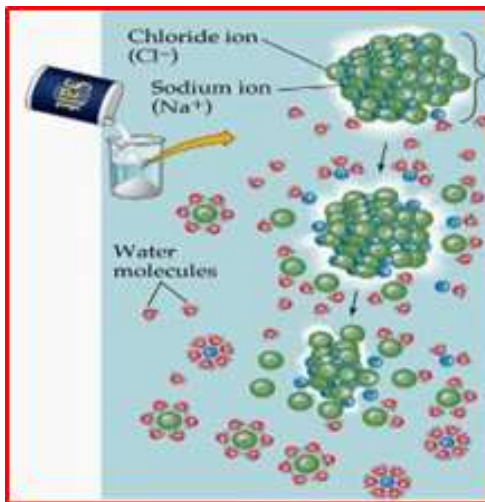




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The advantages of applying Magnetic Water: Commercial Laundries

Many scientific works of biologists and physics describe the effect of magnetic fields on watery environments. Based on these works, the scientists of MagneLogic™ came up with a method of hydro dynamical magnetic activation of natural waters and devices used for this method. This method is an essential part in the whole complex of using magnetic fields in daily life. It includes physical-chemical changes of natural water parameters, resulting in improvement of filtration properties and in an increase of dissolving properties of water.



Magnetism surrounds us in our everyday lives. It is the earth's natural defence mechanism to the extremes of the sun and outer space bombardments of numerous types of cosmic rays. On earth Magnetism is the natural enhancement agent of our most precious resource water, constantly realigning the molecular structure after interferences and recycling since the world began. But not only the flowing water we drink and irrigate with, but also within the bodies of all living creatures and watery ecosystems like laundries and sewage plants.

MagneLogic™ and our scientists understand this process and enhance and target the process to the benefit us humans, livestock, our environment and the needs of water resource industries like laundries and soft facility management.

Magnetic field, when applied to normal water, restructures the water molecules into very small water molecule clusters, each made up of six symmetrically organized molecules. Since the hexagonal water molecule cluster won't allow the bonding of minerals to it, magnetically structured water removes scaling from pipes and won't allow new scaling to take effect.

The above explanations result in multiple significant advantages for commercial laundry operators and the managers of large uniform inventories:

- ✓ *Increased energy-efficiency of the boiler, resulting from:*
 - *Reduced scaling on the water pipes*
 - *Reduced evaporation energy requirement per kg steam*
- ✓ *Reduced clogging of the pipes and scale formation on the laundry equipment*
- ✓ *Savings of 70-90% on water softener chemicals, depending on raw water specifications*
- ✓ *Reduced detergent consumption per kg laundry, resulting from the softer water*
- ✓ *Reduced wear and tare of the fabrics, which means that uniforms keep longer neatly*

The MagneLogic™ device is a simple flange containing powerful, specific inductance magnet tubes that restructure the water and minerals passing through them into a more fulfilling and productive bio-available form. It operates without OPEX or maintenance and has a guaranteed life of 10 years. Saham Global looks forward to advise you how our expertise can benefit your specific situation.