

Safe Drinking, Cooking, Bathing & Swimming Water & Sanitation for Communities

Using De Nora Electro chlorination "**Green Technologies**"

Operating cost of about 0.10 to 1.00 paisa per litre of water

1. Prevention is better than cure
2. Nearly 1,000 million people in India consume unsafe drinking water.
3. 80% of all diseases are water borne
4. De Nora "**Green Technology**" is used to remove the bacteria and viruses from water which are the main reasons for various water borne diseases. The Technology is **Electro Chlorination**.
5. Common "**Water Borne**" diseases are Cholera, Typhoid, Dysentery, Diarrhea, Jaundice, Hepatitis, Worms, etc..
6. De Nora "**Green Technology**" uses only electricity and common salt as inputs for producing Sodium Hypo Chlorite which has "Active" chlorine of up to 8000 parts per million or ppm.
7. This active chlorine in the Sodium Hypo Chlorite solution is used for disinfection of the water as well as for Sanitation. See brochures.

Local water treatment plants have began to evolve their technology over the years as health threats due to water contamination become more known including cholera, typhoid, and dysentery. to combat these threats, water treatment plants began to implement chlorination. Chlorination virtually wiped out both the spread and initial contamination of these diseases, and did so in a way that earned it the title of "the most significant public health advance of the millennium" from *Life Magazine*

Electro chlorination is the next step in the evolution of this process. **Electro chlorination** chlorinates drinking water and does so in an Eco-friendly way. It does not harm the environment in any measurable negative way. Unlike other chlorination techniques, **electro chlorination** generates no sludge or by-products. It also is safer for the operators of the chlorinators as there is no handling of **chlorine gas**, which is highly toxic and corrosive.

Enclosed brochures for Safe Drinking, Cooking, Bathing & Swimming Water for Communities as well as for Sanitation. **SeaClor Mac** & **Titanor** are registered trademarks of De Nora Spa, Milan, Italy & De Nora India Ltd., Goa, India.

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