

## **Ion Exchange India extends support to industries affected by water crisis in Gujarat**

*Provides water management solutions from alternate sources*

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Globally trusted for its water management solutions, Ion Exchange (India) Ltd., reiterated its commitment to support industries in Gujarat faced with acute water supply shortage especially in Dahej, Ankleshwar, Zagadia and Panoli amongst others. Ion Exchange India urges the industrial sector to consider the use of water from alternate sources as a long term solution to the ongoing water crisis thus helping them become self-sufficient in their water requirements. The company aims to leverage its proven technologically advanced and cost effective solutions to desalinate sea/brackish water, recycle industrial effluents for process utility and other applications and also to achieve its zero liquid discharge objectives. It also offers packaged and customised options for converting sewage into good quality industrial water.

As experienced by the industrial zone located in South Gujarat, ingress of sea water contaminates sources thereby raising the chloride levels and making the water unfit for industrial applications and processes. Ion Exchange offers containerised RO plants to mitigate these short term emergency requirements of ground water/fresh water. The containerised RO plant when used as a pre treatment to an existing demineralisation unit, not only restored the quality performance of the existing plant despite increase in salinity and chloride levels but also reduced the chemical cost significantly.

Speaking about the company's efforts to provide solutions, **Mr. Ajay Popat, President, Ion Exchange (India) Limited** said, "Ion Exchange India is a pioneer in water treatment and has been providing comprehensive wastewater and environment management solutions for over five decades. We truly understand and anticipate the needs for quality water management by industries, communities and municipalities. Thus we were the first company to set up manufacturing of indigenous RO membrane in the state of Gujarat in the late 1980's followed by setting up of the country's first sea water desalination plant in GEB Sikka way back in 1997".

"Since then we have the largest number of installations to treat sea water in sectors such as refinery, cement, power, chemicals etc. Our emergency containerized RO system helped a very large petrochemical industry in Gujarat in meeting their requirements for high quality water, otherwise affected by ingress of sea water in their fresh water source. We have also set up a 30 MLD sewage treatment facility in Kutch region which has become an alternate source to municipal supplies for meeting water requirements of industries in water parched areas of Kutch. With modular and customized solutions, we have also set up the largest facility to treat industrial effluents for India's largest oil refinery in Jamnagar, Gujarat. In addition to this we also have the largest number of references to recycle effluents and also achieve the objective of zero liquid discharge in industries such as – automotives, food and beverage, chemicals, textiles and cement to name a few".

"Bearing in mind the ongoing water crisis, there is a need for the affected industries in Gujarat to use alternate sources of water as it will enable them to become self-reliant for their water needs. The solutions available are easy to maintain, sustainable, and can be customised as per requirements. We are positive that the sector will not just benefit from such solutions immediately but also in the long run."