



## Article Side

Unmitigated Solutions for Water Treatment by [Ashwini Gavale](#)

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With the rising trend of higher investments for the infrastructural projects that is springing up, the market has opened up for new growth avenues. This trend has proved to be a boon for companies like Aquatech Systems that offer complete water treatment solutions. In India, the market for waste water recycle is on the augment along with infrastructure recycle playing a major role contributing to its growth. The encouraging side of the picture being that industrial recycling is being widely accepted by various Indian and global manufacturing units. This is followed by Zero Liquid Discharge (ZLD) systems which not only meets the stringent discharge norms but is also suitable for augment fresh water requirements.

Aquatech specializes in water and wastewater treatment technology for industrial and infrastructure markets focusing on desalination, water reuse/recycle and Zero Liquid Discharge. Established in the year 1993 in India, it has since then grown and developed itself into a strong technology oriented EPC company with an ample team of around 200. Aquatech's projects are also supported by the Indian arm that serves as a global engineering centre in varied geographies. Aquatech India also has the global desalination centre of excellence for engineering large desalination plants based on the RO process.

Aquatech India also credits itself for doing the pioneering work in the chief segment of refinery for the renowned Reliance Industries at its foremost refinery complex in Jamnagar. Currently Aquatech's solutions and systems are being used to recycle all the effluent that the present and new complex generates by treating over 24000 M3/day of the most challenging effluent in this world's largest grass root refinery.

Talking about its achievements, the company is vying for infrastructural projects for water treatment business. It has been successfully rewarded with a complete turnkey EPC contract for a 10,000 cubic meter/day integrated waste and sewage treatment and recycle project for the Chhatrapati Shivaji International Airport, Mumbai. A new terminal building of the Common User Terminal (CUT) has been planned for extension and modernization purposes of the airport facility to meet the ever-increasing growth in international flight operations and passenger traffic.

In order to facilitate the scarcity of fresh water and to supply to the increasing requirements of the expanding airport facilities, Aquatech's wastewater recycle system based on its modernistic technologies will treat the raw sewage for the purpose of recycle and reuse. Aquatech will also subsequently operate and maintain the facility. As quoted by Sachin Kukade, Vice President (Industrial Solutions), Aquatech Systems (Asia) Pvt Ltd, "Aquatech has substantial expertise and experience in shale water, coal-to-liquid and produced water segments globally and would like to see itself as a first mover in these key technologically driven business segments in the near future."

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The author, a professional content writer is an ardent reviewer of Water Purification Systems. Being passionate about the quality of drinking water, she has written numerous articles on water

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