

WATER, WASTE, ENVIRONMENT & TECHNOLOGY

HONORS
Companies
Pan India



CONTENT



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SAHARA INDUSTRY
Innovation Beyond Your Imagination

Sahara Industry: Engineering the Future of Water

The Principle of Sahara Industry

At Sahara Industry, the guiding principles stem from a core belief that water is more than a resource; it is the foundation of life, development, and long-term sustainability. The company operates with a strong sense of responsibility toward the communities, industries, and institutions that rely on its solutions. Integrity is central to its approach, shaping everything from product design and manufacturing to system implementation and customer engagement. Its work culture is built on ethical practices, accountability, and an unwavering commitment to quality, ensuring that every solution delivered is dependable, durable, and valuable in the long run.

Innovation and sustainability form another key pillar of Sahara Industry's philosophy. The company is dedicated to integrating advanced engineering, emerging digital technologies, and environmentally conscious methods into all aspects of its operations. Whether developing high-efficiency purification systems, enabling wastewater reuse, or designing tailored solutions for complex environments, Sahara Industry approaches every project with continuous improvement and long-term impact in mind. Its focus extends beyond addressing current water challenges, aiming to build resilient, future-ready infrastructure that ensures clean, safe, and sustainable water for generations to come.

Since its foundation about two decades ago, Sahara Industry began with a clear mission - to make water safe, accessible, and reliable for drinking, industrial operations, and institutional use. Over the years the company has built a strong legacy by delivering clean drinking water solutions, ultra-pure water systems for manufacturing, and advanced wastewater treatment technologies across India and several international markets.

With more than 1,000 successfully delivered projects, Sahara Industry has become a trusted name in engineered water treatment solutions. Its state-of-the-art manufacturing facilities spread across 4,80,000 square feet, modern and high-tech machineries, and skilled teams of engineers and technical professionals have enabled the company to design and produce world-class, fully indigenous systems for water and wastewater treatment.

An ISO 9001:2015 certified organization, Sahara Industry has established itself as one of India's leading homegrown brands in the water sector, recognized for its high-quality equipment, precision-engineered filtration systems, and reliable service standards. Its customer-focused approach, backed by modern processes and deep sectoral knowledge, has earned the trust of more than 5000 prestigious clients across the globe. With expertise spanning industrial and municipal water management, the company offers integrated, multidisciplinary solutions shaped by decades of hands-on experience and the successful execution of hundreds of turnkey projects.

The company's steady rise and industry influence have been widely acknowledged. Under the leadership of Mohammed Abdul Rahman, Sahara Industry has been prominently featured in major sectorial publications in both Indian and international platforms underscore his

forward-looking vision, technical expertise, and dedication to advancing sustainable water technologies.

From Vision to Innovation: Transforming Water Treatment

Sahara Industry has transformed into a full-spectrum water engineering company delivering advanced water and wastewater treatment solutions. It continues to advance its offering with automation, digital monitoring, and intelligent process control with remote diagnostics, IoT-based sensors, and predictive maintenance tools. The company offers an extensive portfolio of intelligent, high-performance systems, including:

Reverse Osmosis (RO) Plants: Next-generation RO systems equipped with high-rejection membranes, energy-efficient pumps, and automated monitoring, built for both industrial-scale operations and decentralized applications.

Ultra-Pure Water Systems: Precision-integrated purification units designed for sectors such as pharmaceuticals, chip manufacturer and research labs, industries where ultrapure water quality and process stability are non-negotiable.

Dialysis Water Treatment Plants: Internationally compliant dialysis water systems engineered to meet stringent AAMI and ISO standards, delivering stable, medical-grade water for hospitals and renal care centres.

Sewage Treatment Plants (STPs): Smart STPs incorporating MBBR, SBR, and other modern biological technologies to enable efficient municipal and institutional wastewater treatment, with options for reuse in landscaping, flushing, and utilities.

Effluent Treatment Plants (ETPs): Custom-built solutions for complex industrial effluents, supported by chemical, biological, and membrane-based processes to help industries from textiles and chemicals to food and



Mohammed Abdul Rahman
CEO, Sahara Industry



manufacturing, achieve regulatory compliance and adopt water recycling.

Water Softeners & Deionization Systems: Automated softening, DM, and mixed-bed systems designed to reduce hardness, prevent scaling, protect machinery, and improve overall process output.

Specialized Systems for Defence & Remote Zones: Rugged, mobile water purification units engineered for extreme environments, supporting India's armed forces, disaster-relief operations, and remote terrains with reliable drinking water supply.

Water Treatment Chemicals: A comprehensive line of high-efficiency chemicals including anti-scalants, coagulants, disinfectants, and pH stabilizers, developed to enhance system performance and extend equipment life.

Industry-Specific Integrated Solutions: Tailor-made, turnkey systems that address the exact water cycle requirements of industries, enabling higher operational efficiency, resource recovery, and long-term sustainability.

Sahara Industry invests substantially in research and development, ensuring each product incorporates advanced engineering, optimized energy consumption, and long service life. Several flagship components are certified under ANSI/NSF standards, reflecting the company's adherence to global quality and safety norms.

Shaping a Sustainable Water Future

With a strong commitment to technological excellence and customer-focused

CEO's Tech-Driven Vision for Sahara Industry

Mohammed Abdul Rahman, the Chief Executive Officer, is widely recognised as a leader who brings clarity, innovation, and purpose to the world of water management. With years of hands-on experience, he entered this sector not just to run a business, but to tackle a national challenge. When he assumed leadership of Sahara Industry, he saw an opportunity to create long-term solutions, integrating technology, quality, and sustainability to ensure safe water for every requirement.

Rahman's philosophy has always been crystal; real progress begins with trust, durability, and an understanding of the people being served. He recognised early that India's water problems could not be solved by equipment alone. They required systems that last, technology that adapts, and a commitment to communities as much as to industries. This approach helped Sahara Industry deliver scalable solutions, from addressing arsenic contamination in rural belts to supporting industrial wastewater reuse at industrial facilities.

He learned the industry from the ground up, studying membranes, pressure vessels, system installation, and customer concerns first-hand. His knowledge was built through real experience, not assumptions. Over

execution, Sahara Industry has emerged as a dependable partner in India's journey toward sustainable water security and circular water management. The solutions are built on rigorous engineering, intelligent automation, and a deep understanding of local and industrial water challenges. By prioritizing long-term reliability, resource efficiency, and ease of operation, Sahara Industry empowers communities, institutions, and industries to manage water more responsibly.

From advanced purification systems to large-scale reuse infrastructures, it continues to innovate, adapt, and deliver solutions that reduce environmental impact while enhancing operational performance. As the nation moves toward a future where every drop of pure water matters, Sahara Industry stands committed to supporting this transition with systems that are smarter, greener, and designed for generations to come.

As India's need for dependable, clean water continues to rise, Sahara Industry's role in shaping sustainable water solutions grows even stronger. At the core of this progress is a leader who anticipated the nation's water challenges



well before they intensified and guided the company with clarity, empathy, and a future-focused vision. Under Rahman's leadership, Sahara Industry is not only treating water, but they are also strengthening communities, building resilient systems, and helping secure the nation's water future.

time, this practical insight shaped Sahara Industry's direction, helping the company provide reliable drinking water systems to villages, ultra-pure process water to factories, and sustainable wastewater treatment to industries. His leadership style is curious, people-cantered, and detailed, that made him a natural fit for the role of the CEO, long before the title was officially his.

Under Rahman's guidance, Sahara Industry evolved from a regional enterprise into a nationally respected provider of advanced water and wastewater solutions. His vision extended beyond commercial success, it focused on conservation, resource efficiency, and preparing the country for a future where water security will define economic resilience.

His work has earned significant appreciation in industry circles. Rahman has received several honours, including the Rising Bharat Real Hero Award, Emerging Water Leader of India, Entrepreneur of the Year, Telangana Water Leadership Award, Transformational Business Leader, and Bharat ke Sitare Award. In 2024, he was also recognized among the Top 5 Sharp Business Leaders Shaping the Industry, underscoring his influence in India's journey toward sustainable water management.