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### **Norit X-Flow wins Water Digest Water Award 2009-2010 for best Hollow Fiber Membrane**

Norit X-Flow emerged as the winner of the annual Water Digest Water Awards 2009-2010 for Best Membrane - Hollow Fiber, because of the outstanding demonstration of technology capabilities in various industrial effluent reuse projects in India. The award ceremony was held January 9 at "The Park" in New Delhi to the Who's Who of India's water treatment industry. The awards were presented by Mr. Pawan Kumar Bansal, the Honorable Minister for Water Resources in India and Norit X-Flow was represented by Norit India's Country Head Mr. Sudeep S.

The Water Digest Water Awards were set-up in 2006 to honor distinguished work carried out by various companies in order to save and conserve water. The main speaker of the evening, the Honorable Minister of Parliamentary Affairs Shri Pawan Kumar Bansal, talked about the importance of efficiently handling water and the essential task of protecting it. He urged all segments of Indian society to give more emphasis to water in their annual agenda and work together before the situation gets out of hand. He also indicated that he will soon have a joint meeting with Water Digest and UNESCO on more result oriented programs.

The award is supported by UNESCO and the Ministry of Water Resources. The award aims to draw attention to people, innovations and processes that contribute to the sustainability of water. In addition, it seeks to highlight those organizations, NGO's and companies that have worked within the community to ensure that the message of water efficiency is top of mind for people, institutions, government and industries alike.

An example of the winning technology is Norit X-Flow's XIGA™ ultrafiltration (UF) membrane that is the industry's standard for refinery recycle applications. It is utilized in two plants at a refinery in Panipat in North India with a capacity 900 m<sup>3</sup>/h each. Other examples include wastewater treatment plants at Mathura (270 m<sup>3</sup>/h), Bina (600 m<sup>3</sup>/h), Haldia (1,350 m<sup>3</sup>/h), CPCL (450 m<sup>3</sup>/h). The permeate from the UF membrane is of superior water quality making it suitable for direct use or to feed any post-treatment process such as reverse osmosis.

The region in and around Tirupur in Tamil Nadu is a key textile cluster in India with primarily export driven revenues. Reuse of water is mandatory for the textile units there. Large CETP (state-mandated Common Effluent Treatment Plants) with capacities of 4,000 m<sup>3</sup>/d, 5,000 m<sup>3</sup>/d and 12,000 m<sup>3</sup>/d are equipped with Norit X-Flow's UF membranes. The water from these UF plants is taken to a RO plant and sent back to the various textile units for reuse.

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For more information:

S. Sudeep  
Country Head Norit India  
T +91 44 4212 2046  
E sudeep@norit.in

Menno M. Holterman  
Chief Growth Officer, Board of Directors Norit NV  
T +31 74 2550 777  
E m.holterman@noritpt.com

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### **Norit X-Flow**

Norit X-Flow, part of the Norit Group, develops and supplies membrane technology to global municipal and industrial markets. The product portfolio contains numerous standard membranes, modules and units for filtration and purification processes for various industries. Together with extensive application know-how for projects of all sizes, this guarantees the best available water purification solutions.