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KPR Mill Switched to KMS PURON® MBR Technology

Wilmington, MA – March 1, 2018 - Koch Membrane Systems, Inc. (KMS), a global leader in membrane filtration technologies, announced today that it has provided PURON® Membrane Bio-Reactor (MBR) modules as part of a system upgrade to the wastewater treatment facility of KPR Mill Limited. KPR Mill is one of the largest apparel manufacturing companies in India. KPR Mill decided to upgrade their wastewater treatment facility from an old conventional plant to an advanced MBR technology due to its environmental commitment to ensure zero liquid discharge (ZLD) by recycling 100% of their wastewater. Among the key reasons for selecting the PURON® MBR modules are its unique design, including single header and central aeration, reliable and consistent operation, and strong after-market support from KMS.

KPR Mill has been using a conventional Effluent Treatment Plant (ETP). Their old technology involved high chemicals consumption which required high maintenance levels, resulting in frequent production shut downs due to ETP failures. The new MBR plant is designed to handle 3000 m³/day of textile effluent, utilizing two MBR trains. Initial results show that KPR Mill has reduced chemical costs and eliminated downtime, maximizing textile production. In addition to savings in operational cost and production optimization, KPR strives for an eco-friendly textile processing system. KPR's selection of PURON® membranes help them achieve their goals of environmental sustainability.

“The membrane bioreactor technology from KMS operates very reliably and has resulted in a significant reduction of chemical, operating and maintenance costs of about 10%,” said Mr. C.R. AnandaKrishnan, executive director of KPR Mill Limited. “And as we are a trend setter in using eco-friendly advanced technologies, we were happy to have PURON® MBR as a technology partner who fits our needs and our vision.”

“KMS has developed advanced membrane solutions for the textile industry,” said Mr. Manny Singh, President of KMS. “Our products and services help the industry treat wastewater to meet strict discharge and reuse targets, and create value through various chemical recovery processes.”

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About Koch Membrane Systems
Filtration for a Better Future...

For more than five decades, Koch Membrane Systems, Inc. (KMS) has led the way in developing innovative membrane technologies that serve a diverse range of industries and applications around the globe. KMS provides membrane filtration solutions to markets including industrial and municipal water and wastewater, food and beverage, life sciences and industrial processes, helping thousands of customers recover high value products, reduce their water footprint, increase productivity, and reduce costs. With an installed base approaching 20,000 systems throughout the world, KMS is setting the standard as a comprehensive membrane solutions provider. www.kochmembrane.com

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About KPR Mill Limited

KPR has one of the largest vertically integrated manufacturing capacities in India producing superior quality readymade knitted apparel; fabrics; and Compact, Melange, Carded & Combed Yarn. The integrated manufacturing operations enable the company to better customize the products as per client specifications and provide consistent quality assurance in a cost-effective manner.

www.kprmilllimited.com

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