

Ion Exchange Undertakes Total Environment Management for Maruti Suzuki

Ion Exchange (India) is executing a contract for waste water/sewage treatment and recycles for Maruti Suzuki for their expansion project at Manesar, Haryana. The contract is for 3600 m³/d effluent treatment and recycle plants and 370 m³/d sewage treatment plant, incorporating integrated physico-chemical, biological and membrane processes for optimum water recovery.

The effluent treatment and recycle plants consist of activated sludge process and filtration followed by recycling plant which includes ultra filtration, stage 1 and stage 2 reverse osmosis and mixed bed ion exchangers. The high quality water from the reverse osmosis and mixed bed systems will be used for paint shop and other manufacturing purposes.

The sewage treatment plant consists of grit chamber, equalisation tank, fluidised media reactor, sand and carbon filtration.

The Ion Exchange - Maruti Suzuki association goes back a long way, with projects successfully executed for water, effluent and sewage treatment, including the first ever effluent recycling plant based on reverse osmosis in the automobile sector, in 1997. Ion Exchange has also provided operation services to Maruti for several years.

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