

Technological Advancement In Environment Friendly De-Inking Process For Quality Improvement And Cost Optimisation

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ABSTRACT

Emami Paper Mills Ltd. installed a 2 loop DIP from Voith, Germany with a capacity of 300TPD to produce quality newsprint from standard furnish of 70% ONP & 30% magazine. While designing, and making layout, it was ensured to achieve the highest level of operational efficiency with the optimum yield and other quality parameters of strength and brightness. We are happy that the plant achieved highest level of operational efficiency with regular out put of 320 MT pulp and feeding the pulp to 2 Paper machines to produce news print of international quality. The best achievement is in the specific power which we could do at 285 kWh / T of pulp. The sludge generated from DIP is thickened in an imported Screw press and fired in boiler along with coal.