



Case Study

Regency Garments

Bangladesh

RAW WATER TREATMENT USING UF-RO - 1120m³/day



Aqua Designs India Limited
Off 200 Feet Road, Kolathur, Chennai – 600 099, India.
Phone : 0091 44 3717171,
Fax: 0091 44 3717137
Web : www.aquadesigns.in,
Email: systems@aquadesigns.in

BACKGROUND

Regency Garments is basically a textile based industry in Export Promotion Zone of Bangladesh. The industry washes the new cloth material and stitching is being done for major brands like Wrangler, Levis. The industry houses state of the art machineries and their mission is quality and eco friendly operations.

The industry is 100% Export Oriented Unit manufacturers ready made garments. This industry's main concern is Iron content and very high dissolved solids present in water which is not suitable for washing.

Aqua Designs entered into this land of Bangladesh thus proving the necessity of UFRO based raw water treatment plant. Regency was very much impressed on the design given by Aqua Designs among the various competitors and thus Aqua Designs was awarded the order of a textile industry.



TECHNOLOGY

This technology consists of a pretreatment where it consists of Degasser which removes the main concern of the client i.e. Iron Removal followed by Re - activator Clarifier and filters, Ultra filtration and Reverse Osmosis system.

APPLICATION

To bring down the iron content and dissolve solids suitable for washing



ADVANTAGES

Removal of Iron, Total dissolved solids as per the textile industrial norms for washing.

CONCLUSION

The plant was successfully commissioned up to the Client satisfaction and earned foreign revenue.