

Name of organization: Comfit Composite Knit Ltd.

Location: Gorai, Mirzapur, Tangail

Country: Dhaka, Bangladesh

Topic: To control TDS (total dissolved solid) in discharge water of Dyeing.

About Comfit: Comfit Composite Knit Limited (CCKL) is one of the largest concerns of Youth Group, which is a 100% export oriented vertically integrated knit garments unit. This concern announced its business operation since the year of 2006. Since then it has been fostering the commitment to meet the global needs for knit and fashionable clothing. Our company's foundation is built on our values, which distinguish us and guide our actions. We conduct our business in a socially responsible and ethical manner. We respect the law, support universal human rights, protect the environment, and benefit the communities where we work.

Our Strategic Plan translates our vision into action. It aligns and integrates our organization, inspires confidence, and differentiates us from the competition. We build up organizational capability to deliver world-class performance in operational excellence, cost management, capital stewardship and profitable growth.

CCKL Underlying and aligned with each of our major business and enabling strategies are more detailed plans, tactics and metrics targeted to guide us to success in each of the specific business areas where we choose to compete. These detailed plans are continually tested against the competition and refreshed to achieve sustained competitive performance.

TDS Abstract: Traditionally dyeing indicates high amount of dyes, chemicals and water requirement to produce high quality finish fabric. But concepts are being changing now a days as more research and development are being conducted to become more competitive in cost effective, quality, productivity, resource utilization and eco-friendly aspects. Earlier we consumed water 180 liter/ kg in dyeing process. After process modification we are able to consume water 50 liter/ kg and this practice is successfully continuing. Finally our team take a project to control TDS (total dissolved solid) in discharge water of dyeing process. The team works on it and did some process improvement to minimize and control chemical consumption during different stages of dyeing process. As a result, we became able to reduce TDS in discharge water from 4430 mg/ L to 2068 mg/ L and to save production cost from 14.50 Tk./Kg to 10.71 Tk./ Kg in terms of chemicals and auxiliaries. Our ultimate goal is to develop eco-friendly production system using as minimum as possible amount of dyes, water and chemicals providing best quality product to our customer.