

Water Treatment Plant

Features

- * System does Reverse OSMOSIS process for Dyeing plant where there are contaminated water, adhering to zero discharge concept.
- * Reverse OSMOSIS, also known as ULTRA filtration present in water technology.
- * It is process by which water molecules are forced through 0.0001 Micron Semi permeable membrane, by water pressure. Long sheets of membranes are ingeniously sandwiched together and Rolled up around a hallow central tube in a spiral fashion which is commonly referred to module . In order to maintain pressure in the container valves, pumps have to operated in synchronized manner in a specific time frame. This is done by our PLC panel.



Specifications

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|---------------------|---|
| PLC | VIPA 315 SB (315 - 4NE11, 24VDC, 512 KB, Remote IO'S, ProfiBus DP, MPI, 2 EtherNet Port) |
| HMI | ESA 155W |
| Input | 141 Nos |
| Outputs | 88 Nos |
| Networking | |
| Communication | RS485 MPI |
| Panels | RITTAL SS |
| Compliance | IEC, UL, CSA |
| Project | A Leading dyeing plant in South India |
| Scope of our Supply | Design, Development, manufacture of Panels and MIMIC display implementation. |

Applied Control Equipment Systems

S.F.No.415, Codissia Road, Opp.Geethanjali School,
Peelamedu, Coimbatore - 641 004.
Contact : +91 948 755 3082
E-Mail : appliedcontrol@gmail.com