

Hyper Filtration Private Limited

NEWSLETTER



ECONOMICAL ZERO LIQUID DISCHARGE IN TEXTILE INDUSTRY

What is zero liquid discharge treatment system?

It is a treatment system which makes use of advanced technologies to do the water treatment process to reduce the amount of liquid waste generated at the end of the factory/industrial process.

The major functions of an advanced zero liquid discharge water treatment are-

- Treat variations in waste contamination and flow
- Allow making adjustments in the chemical volumes
- 95% of the water waste should be treated properly and recyclable for use
- By treating the water waste, important minerals such as salts and brines can be recovered.
- The waste would be produced in the form of a dry, solid cake.



In zero liquid discharge, even a single drop of water is not allowed to discharge. Zero Liquid Discharge Water is the best way to treat the liquid waste from the water and also it could be a great solution for the environment.

Advantages of Hyper ZLD

- Highest Recovery of 95-98 %
- No Chemical Treatment Required
- Lowest steam and power consumption
- Customized Solutions
- Fully Automated System and Minimum Manpower
- Zero Chemical Sludge
- Lowest operation Cost
- No space restriction
- Salt recovery system to produce pure salt to be reused back in Process



For best solution as per your needs, Let us reach you!

WHY IS THERE A NEED FOR ZERO LIQUID DISCHARGE PLANT?

- ZLD policy implemented by central pollution control board which requires industry to install Zero Liquid Discharge systems in their units if discharge parameters are not within limits.
- Non-availability of desired quality of fresh water due to declining ground water table and contamination of available water sources.



CONTACT US-

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Zero Liquid Discharge Plant in Textile Industry

Location - Faridabad

Details :- 2200 KLD Effluent Treatment Plant based on biological treatment running on 98% recovery on Zero Liquid Discharge Concept.

Working :- Fully automatic



Zero Liquid Discharge Plant in Textile Industry

Location - Bangalore

Details :- 1600 KLD Effluent Treatment Plant based on Biological Treatment with recovery and evaporation unit.

Working :- Fully automatic



Zero Liquid Discharge Plant in Textile Industry

Location - Rajasthan

Details :- 1000 KLD Effluent Treatment Plant based on biological treatment running on 97% recovery on Zero Liquid Discharge Concept.

Working :- Fully Automatic



Zero Liquid Discharge Plant in Textile Industry

Location - Karnataka

Details :- 3500 KLD Effluent Treatment Plant based on biological treatment running on 96% recovery on Zero Liquid Discharge Concept.

Working :- Fully Automatic