

## Food & Beverages

Drinking water  
Purify water for Process  
Product concentration  
Product clarification  
Waste water treatment



**Aquaneel Separation**

## Pilot Study

In various process application and waste water purification where we cannot assume output result and quality of purified water, we can apply Pilot study to generate basic Data for designing the system & scale up the system.

### Steps for doing Application

Get Details of Product, requirement & objective from Client  
Check possibilities & economically feasibilities  
Membrane selection (if application possible)  
Arrange trial & Analyze the data & result  
Scale up system

## Aquaneel Separation

### Office

Aquaneel Separation,  
68, Pramukh Swaminagar-5,  
T.p.-13, Chhani Jakatnaka,  
Vadodara - 390024

### Works

Aquaneel Separation,  
229/A, Near telephone Exchange,  
Makarpura GIDC - 390014

*When it comes to Filtration...  
Come to us!*



### Contact

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## Who we are?

Aquaneel Separation established in the year of 2012 as one of the appreciated manufacturer and supplier of Membrane based systems for water, waste water and various process applications.

Aquaneel Separation is a one stop shop for water, waste water and various process application.

We have experience in different type of industrial application in various industries and done installation successfully all over India.

With the deep knowledge of membrane and its uses we can provide the best solution for Client's requirement by designing customized system with suitable membranes.



## What we do ?

Aquaneel Separation provides a wide range of membrane based solution. We have various types of membranes range which we can apply in different Application and can make customized system suitable to Client's need.

Aquaneel Separation provides MF (Micro Filtration), UF ( Ultra Filtration), NF (Nano Filtration) and RO(Reverse Osmosis) membranes. Based on the detail like Molecular weight and Solubility we can select suitable membrane for purification, concentration and separation. For new Process Application or Waste water treatment where COD is concern, established the system design and process after complete Pilot study and detailed Analysis.

We can applied membrane based system in wide range of industries like Pharmaceutical, Dyes industries, Textile industries, Sugar and Distilleries, Dairy industries, Fisheries, Food and beverages, Cement industries, Chemical and petrochemical industries.

We have in-house pilot study facility as well as on site pilot study facility to demonstrate system performance and result. We have in-house system Designing and manufacturing facility.



# Membrane based Applications in various applications

## Pharmaceutical

Purified water for Production process  
Product purification  
Product concentration  
Separation of two different Molecular Weight product  
Product recovery from ML  
Fermentation Broth removal  
Waste Water recycling  
Membrane replacement of existing systems



## Sugar and Distilleries

Process water for production  
Spent wash waste water purification & Reuse  
Brine recovery from Ion exchange column waste water  
Membrane replacement of existing systems



## Dyes Industries

Process water for dyes production  
Salt removal from Dyes & Concentration of Dyes  
Dyes recovery from wash water.  
Methanol purification for reuse  
Concentration & purification of water based Pigments  
ETP waste treatment & water recycling systems  
Membrane replacement of existing systems  
Intermediate concentration  
Salt separation



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Intermediate concentration  
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## Textile Industries

Purified water for process  
Brine recovery from Dye Bath  
Caustic Purification  
COD reduction from waste water  
ETP waste treatment & water recycling systems  
Membrane replacement of existing systems



## Dairy Industries

Drinking water  
Milk concentration  
Whey & Lactose separation  
Whey concentration  
Lactose concentration  
Waste Water recycling  
Membrane replacement of existing systems

