



# **Why Excel Filtration Pvt. Ltd.?**





## NO.1 COMPANY

Excel Filtration Pvt. Ltd. - No: 1 Company - ISO Certified, approved and recognized by Water Quality Association (WQA) - in India and engaged in manufacturing of water purification & Waste water equipments, with a major contribution towards establishment of Mineral Water Plants across India and Exports to major African Countries.



## 365 x 24 SERVICES

365 x 24 Services - one and the only company in India rendering services to its clients pan - India round the clock.

Customer Care No:  
085111 72264



## EFPL TEAM

Excel Filtration Team - with an experience of more than 21 years maintains Three [3] TIER [Top, Middle & Lower] management with over 245 + employees, has placed Excel Filtration Pvt. Ltd., at the top most position in terms of Product Research, Product Variety - R.O. Plants / Mineral Water Plants / Softeners / D.M. Plants / Soft Drink Manufacturing & Packing Plants / Soda Plants / STP / ETP / plus Specialty Chemicals for Water Treatment - tie-up with Internationally recognized manufacturers etc, Product Quality monitoring, market coverage and services support.



## INTERNATIONAL TIE-UPS & COLLABORATION



GE Power & Water  
Water & Process Technologies

(Excel Filtration is the First Stage importer in India)

### OVERVIEW

- All Engineers & Technicians work under one Roof
- Products offered by Excel Filtration Pvt. Ltd.
  - Mineral Water Plant
  - Jar Washing Machine
  - Fully Automatic Jar Rinsing, Filling & Capping Machine
  - Fully Automatic Bottle Rinsing, Filling & Capping Machine
  - Batch Coding Machine
  - BOPP Labelling Machine / Sleeve Applicator
  - Glass Filling and sealing Machine
  - Pouch Making Machine
  - Group Shrink Wrapping Machine
  - PET Blowing Machine
- BIS Certified Laboratory
- Courtesy services for obtaining BIS Certificate
- Value Added support to client in the form of consultancy regarding bottle design, label design, logo design, setting up of marketing net work, product selection, etc.



## Our Humble Beginning



Conference Room



Warehouse





City Corporate Office



Manufacturing Unit



## SALIENT FEATURES OF PRODUCTS MANUFACTURED BY EFPL

### GENERAL PROPERTIES

Alloy 316/316L is molybdenum-bearing austenitic stainless steel. The higher nickel and molybdenum content in this grade allows it to demonstrate better overall corrosion resistant properties than 304, especially with regard to pitting and crevice corrosion in chloride environments. In addition, Alloy 316/ 316L provides excellent elevated temperature tensile, creep and stress-rupture strengths, as well as outstanding formability and weld ability. 316L is the lower carbon version of 316 and is immune from sensitization; therefore, it is very frequently used in heavy gauge welded components.

Specifications: UNS S31600 / S31603

### HEAT RESISTANCE:

- Good oxidation resistance in intermittent service to 1600°F (870°C) and in continuous service to 1700°F (925°C)
- Grade 316L is more resistant to carbide precipitation.

### STANDARDS:

- ASTM/ASME: UNS S31600 / S31603
- EURONORM: X1 CrNiMo 17 12 2 / X3 CrNiMo 17 12 2
- AFNOR: Z 6 CND 17-11 / Z 2 CND 17-12
- DIN: 1.4401 / 1.4404

## MECHANICAL PROPERTIES:

Grade	Tensile ksi (min) Strength	Yield Strength 0.2% ksi (min)	Elongation %	Hardness (Brinell) MAX	Hardness (Rockwell B) MAX
316 (S31600)	75	30	40	217	95
316L (S31603)	70	25	40	217	95

## PHYSICAL PROPERTIES:

Density lb <sub>m</sub> /in <sup>3</sup>	Thermal Conductivity (BTU/h ft. °F)	Electrical Resistivity (in x 10 <sup>-6</sup> )	Modulus of Elasticity (psi x 10 <sup>-6</sup> )	Coefficient of Thermal Expansion (in/in)/°F x 10 <sup>-6</sup>	Specific Heat (BTU/lb/°F)	Melting Range (°F)
0.29 at 68°F	100.8 at 68 212°F	29.1 at 68°F	29	8.9 at 32-212°F	0.108 at 68°F	2500 to 2550



## MICRON CARTRIDGE FILTER

Designed to improve the product water quality and life of the membranes.

Enabling filtration at different levels with regards to minimal maintenance and better purification of water.

Enables the filtration of microscopic impurities in water with 5 micron filtration using technology support from USA.

## U.V. SYSTEM

U.V. Lamp - Phillips-Holland / OSRAM - Germany is used ensuring 99.99 % effectiveness.

## APPLICATIONS

- Food preparation equipment, especially in chloride environments
- Chemical processing, equipment
- Laboratory benches and equipment
- Rubber, plastics, pulp & paper machinery
- Pollution control equipment
- Boat fittings, valve and pump trim
- Heat exchangers
- Pharmaceutical and textile industries
- Condensers, evaporators and tanks

## RUBBER LINING

1. 5 Micron thickness
2. Prevents the rusting of steel shell
3. Resistant to water ingress
4. Prevents the ageing of the steel shell, thereby increasing life of the plant.

## STRAINER PLATE

1. Helps in the equal distribution of water in the vessel.
2. Protects the inner middle portion of the vessel media
3. 360 Degree filtration
4. Disallows any kind of channelization

## PREVIEW OF WATER PURIFICATION PLANT

Mineral Water - project development. Innovative and modern equipment which are manufactured by Excel Filtration Pvt. Ltd with a foresight on the future requirements of the society. These equipments are used with utmost ease and comfort, with minimal maintenance, independence, with respect to the brand image. These are the points on which Excel Filtration Pvt. Ltd., has won the war against the deficiency of drinking water for the public at large and process water in various industries.

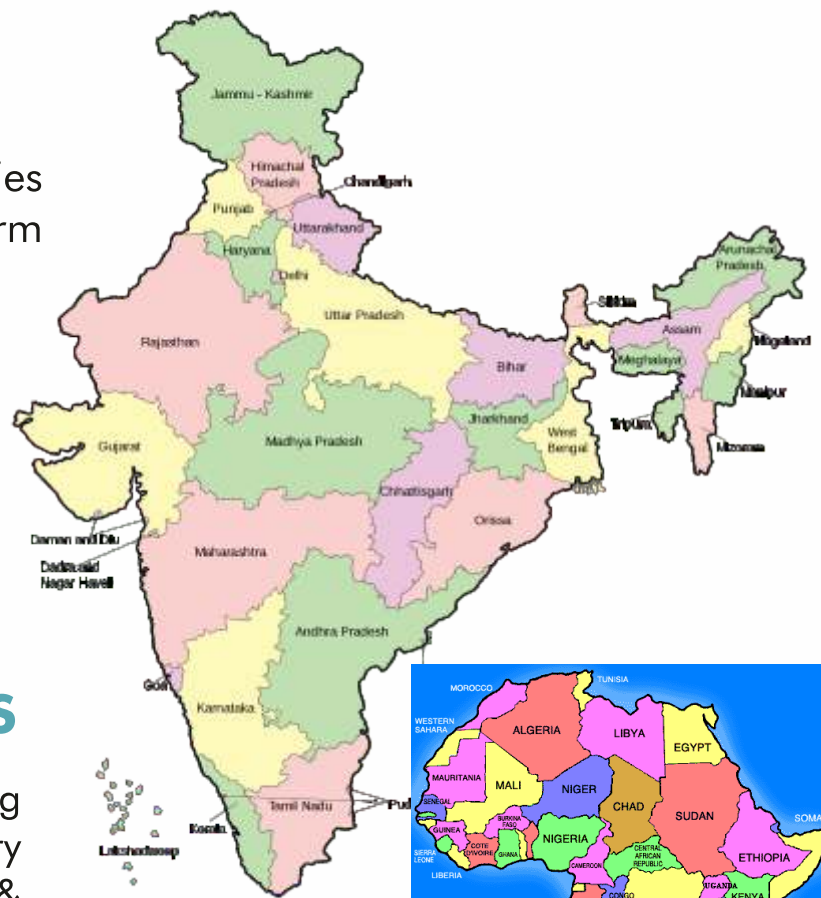
## LATEST AND BEST TECHNOLOGY

Excel Filtration Pvt. Ltd., uses the latest and the best technology for water purification. With the ever increasing demand for purified water, Excel Filtration has taken ample steps to meet the demand by discarding the obsolete technologies and including the more advanced technologies in the product lines. With the inclusion of latest technologies Excel Filtration Pvt. Ltd., is scaling newer heights of achievement and invites all patrons – dedicated to conservation of water to join the industry and make this world a better, cleaner and a healthier place to live....



## SERVICES

EFPL Covers Almost all major Cities in all States of India, apart from Middle-East & Africa.



## BUSINESS ASSOCIATES

Excel Filtration Maintains a strong and wide spread network of country associates who are well versed & experienced in the field of water purification and treatment. precisely we have 100+ business associates spread across the Country.

AFRICA AND  
MIDDLE EAST



## OUR AWARDS





## RESEARCH & DEVELOPMENT (R&D)

10% of profit is invested annually for R&D activity.

R&D - includes discovering and development of various products to improve the quality of water - specially drinking water, with a mission to offer complete, full proof machinery with minimal maintenance.



## VISION & MISSION

1. To Manufacturer Quality Equipments
2. To constantly improve technology.
3. To be cost effective and more productive
4. To aim at giving more value for money to our clients
5. **To support our customers till they are successful with their projects.**



## VALUE ADDED SUPPORT

EFPL - Support to new entrepreneurs as in this Business with over 20 year's Expertise.

EFPL - Very cautious about good health of citizens giving quality products. even by sacrificing our profits.

EFPL - We guide our clients with Project Reports / Loan documents / Designing Drawings of layout and market strategies for successful launching of drinking water projects/ ETP's/STP's,etc., Waste Water Treatment.



## VALUE ADDED TECHNOLOGIES

**Japanese Added Mineral:** At EFPL we have considered using the purified and extracts from the depths of the earth and the same is processed in Japan.

We all know that the basic minerals come from the earth and crust of the earth has been drained of all the minerals by way of continuous agricultural activities and establishing mines for extract mineral ores. EFPL have considered using the purified and refined extracts of volcanic eruption from Japan which impart all the minerals including the trace minerals to the water being treated. This treatment makes the water – “Drinking water” in true spirits.

**Sweetening Technology** – this process engages the processed water to pass through the vessel containing coconut carbon which has the natural tendency of absorbing the bitter taste in water thus making the water taste near to normal minus the bitter taste.

**Added Minerals** - it is a well known fact, that, we drink water not only to quench our thirst, maintaining the water levels in our bodies but also to replenish the minerals in our body, including the trace minerals. Hence the water is expected to be high in its nutritional value. However, in the course of R.O. purification major portion of the mineral contents get removed from the water and the same needs to be replenished through an external source.

The traditional method of adding minerals in packaged drinking water is by adding a solution of two basic compounds, viz., magnesium sulphate and potassium bi-carbonate. Addition of these two increases the TDS of the water and imparts better taste. However, this method is not complete and the packaged drinking water still does not contain the complete set of minerals which are supposed to be exist.

To consider adding all the minerals in water and packaging the quality of water with consideration to WHO standards is not met with using the above mentioned technology, EFPL have come out with a novel idea to include major minerals in water to obtain the quality at par with the specifications laid down by WHO.

**EMF Technology** - the antimicrobial effects of EMFs showed that static magnetic Force and Para Electro-magnetic Force's show promising antimicrobial effects for some of common bacterial pathogens. These treatments can be developed as alternative or at least as an adjunctive treatment for some infectious diseases and chronic wound.

**Spring Technology / Silverisation** - it is a well known fact that, water is a universal solvent... and has the natural tendency of dissolving almost all elements very easily, including metals and minerals. Considering this nature of water and making the best use of the same character, we have safely developed and adopted the spring technology or Silverisation, which includes a vessel with 99.99% pure silver rods through which the water passes and in the course dissolves microscopic quantities of silver which is considered important element of the body for building and maintaining the natural immunity of the human body and eyesight.

## OUR ESTEEM CLIENTS

Bisleri

Bailley  
PACKAGED DRINKING WATER



And Many More...



# OUR CERTIFICATIONS



## OTHER PRODUCTS



**SOFTNER**



**INDUSTRIAL RO PLANT**



**SODA MACHINE**



**ETP**



**STP**



# Excel Filtration Pvt. Ltd.

**AN ISO9001:2008 CERTIFIED COMPANY**

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