



Uncompromised  
**Quality.**

**FEIPL**

FILTRATION ENGINEERS  
**PRODUCTGUIDE**  
2015-16

STRONG DOMESTIC PRESENCE  
**STRONGER INTERNATIONAL REACH**

**2** FACTORIES

**20** OFFICES

**20** YEARS OF  
EXPERIENCE

# OVERVIEW

We hold two decades of experience with over ten industries successfully served. Our clients have used our high quality filters as part of their process and achieved supreme purity in products; we are proud to have consistently live up to our moto of exceeding our customer's expectations.

## ABOUT US

Filtration Engineers was incorporated in 1994 as designers and manufacturers of industrial filters and strainers. We cater to various industries with different quality requirements and have delivered in the highest standards.

We have an in-house performance test rig for pressure drop. We have a strong design team that deploys various software for designing the filter based on customer requirement. We have in house, software for 3D modelling, flow simulation software to evaluate pressure drop vs flow rate at the design stage itself, Simulation software for FEA (Finite

Element Analysis) and coded sheets made considering various standards and specifications for deciding nozzle sizes, thicknesses, etc. Our filters are successfully working for various critical applications in various industries. We are able to deliver better as we can anticipate our customer requirements due to the vast experience of our team in the above applications. Our people having visited installation sites for various industries are aware of practical problems that come up during operation and maintenance and are hence able to design and suggest the better design.

## INDUSTRIES WE CATER

Our products has applications in 18+ industries and our engineers hold expertise in devising reliable custom designs and solutions for every application. Below are some of the industries that we hold specialisation in:

### **Petrochemical/ Refineries:**

FEIPL has a comprehensive range of filtration products and equipment that are used in all stages of production throughout the Petrochemical industry. Our specialized solutions improve both plant economics and efficiencies i.e.; longer product life cycle with low maintenance and reduced operating costs. Factors critical to the success of modern plant operation.

### **Oil & Gas:**

For both, upstream production or oil services, we have filtration and separation solutions to meet your increasing production and processing needs. For more than 20 years, we have been a major equipment supplier to both onshore and offshore oil and gas companies. Our products have been designed to meet your requirements for separation efficiency, reliability, economy, and size.

### **Power Generation:**

Our products are applied to the fluids found throughout a Thermal, Hydro & Nuclear power plants to ensure cleaner, safer operations, which leads to more reliable power generation and higher profitability. We serve Mega & Ultra Mega plants with water treatment, cooling water, plant in-takes, HP/ LP Piping systems, pump suction/ discharge filter, boiler feed water, fire fighting system and more.

### **Steel Industry:**

The producers of steel, aluminum and other metals are forced to do everything they can to lower production costs and adopt new, more efficient technologies. We provide these industries with cost saving solutions with our wide range of efficient, long-lasting, long life & cost-effective filter products to safeguard equipment reliability and ensure peak performance.

### **Chemical (Organic & Inorganic):**

Just as your products are used as raw materials by different types of chemical producers, Our filtration products have application in all segments of the chemical industry. Oxygen Plant, Phosphoric & Sulphuric Acid, Argon & Nitrogen Plants, Caustic Soda Plant, Nitrogen Plant, Nitric Acid, Soda Ash & Chlorine Plants are to name a few.

### **Fertilizers:**

In the production of fertilizers, filters play a key role on both the air filtration side of the plant to protect the catalyst as well as inlet air filtration on air compression equipment. Our specialised filtration systems, media & elements offer superior quality and a longer filter service life and can be retired in the most environmentally responsible method possible.

### **Water Treatment:**

We recognize the complexities and implications of effective water management. We have considerable experience and broad capabilities to assist water users – whether for power generation, manufacturing for industrial or consumer products - we have superior filtration media for removing contaminants, meeting regulations, and conserving this vital resource.

### **Marine:**

The Marine Industry rely on effective technology to remove harmful contaminants and help to maximize operational availability, safety and reliability. We have specialised products applicable in Ballast Water, Ship Building, Sea Water Filtration and water treatment - Our high quality & compact filters are reliable, easy to maintenance, with long service life and they significantly reduce maintenance costs.

### **Synthetic Fibre:**

We have been catering to the man made fibre industry in Viscose Staple Fibre VSF Plants, Acrylic Plants, Polyester Fibre Plants, Sodium Sulphate Plants and understand the criticality of process performance and filtrations and have developed process specific product and technology to better serve the industry.

We are your  
**Quality Partners.**



## OUR PRODUCTS

As our name defines we are Filtration Engineers - we are specialist at filtration solutions and passionate about our designs, process and products - below is the list of our products that are universal in nature and have application in every major industry.

- Simplex Basket Filters
- Duplex Basket Filter
- Self Cleaning Filters
- Cyclone Separators
- Debris Filters
- Cartridge Filters
- Strainers (Y, T, Conical)
- Bag Filters & Air Filters
- Coalescer
- Pressure Sand Filters
- Pot Strainers
- Suction Diffusers

Our team of project specialists are ready to understand your requirements and deliver project specific solutions for all your needs.

For powerful custom solutions; visit our website or call us today!

# FEIPL

FILTRATION ENGINEERS

UNCOMPROMISED QUALITY

## Our Offices:

Navi Mumbai\*  
Delhi  
Vadodara  
Kolkata  
Chennai  
Hyderabad  
Haridwar  
Trichy  
Bhopal  
Bhilai

Rourkela  
Korba  
Bokaro  
Begusarai  
Jamshedpur  
Kota  
Indore  
Asansol  
Vishakhapatnam  
Bangalore

\*Manufacturing plant and main office

## Our Clients



BPCL



HPCL



IndianOil



## Filteration Engineers

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CERTIFIED CO.

