



9001 : 2015

**RAKDIN**  
FILTERS & STRAINERS



RAKDIN Engineers, established by technocrats in the year 1992, is one of the leading Company engaged in Customized designing, manufacturing & exporting the complete range of **Industrial Filters & Strainers**, having manufacturing facility at Gurugram, India.

We are a **ISO 9001:2015 Certified Company** and are recognized as an established name in providing World Class Filtration Products to majority of PSU's & various other Industries for their applications in air, gas and liquid filtration.

Owing to our best quality products, best prices, experienced professionals & ethical business dealing, we have mustered a huge client base all across India and also in the markets of Middle East, France & Singapore.

**CUSTOMIZED**  
**DESIGNING & MANUFACTURING**

**PRODUCT RANGE:**

- Simplex Basket Filter
- Self-Cleaning Simplex Basket Filter
- Duplex Basket Filter
- Y-Type Strainers
- T-Type Strainers
- Suction Filters
- Cartridge Filters
- Bag Filters
- Back Flushing Filters
- Steam Jacketed Filters
- Self-Cleaning Filters
- Mobile Filtration Unit
- Compressed Air/ Gas coalescing Filter
- Coalescer & Separator for ATF/ Diesel
- Multistage Filtration Skid



## APPLICATIONS:

Our range of Filters & Strainers finds application in the following industries:

- Petrochemicals & Refineries
- Oil & Gas Industry
- Power Plants
- Cement Plants
- Chemical Plants
- Pharmaceutical Industries
- Sugar Industries
- Marine & Ship Building
- Pulp & Paper Mills
- Fertilizer Plants
- Textile Industry
- Dairy & Food
- Paint & Ink Industry
- Water Treatment Plants



# OUR CLIENTS:



ONGC



Indian Oil



Bharat Petroleum



Gail



Hindustan Petroleum



NTPC



EIL



Oil India Limited.



Reliance Industries



IFFCO



BHEL



Gammon India LTD



Ministry of Indian Railways  
Diesel Locomotive Works



ESSAR



MECON Limited



IVRCL



Chambal Fertilisers



Punj Lloyd



Dabur India



Hero Motocorp Ltd.



DLF



Jai Hind Projects Limited.



Jsiw Infra



Kalpataru Power Transmission LTD



## MATERIAL OF CONSTRUCTION:

### Housing:

Carbon steel  
(Fabricated & Cast )  
SS-304/ 304L, SS-316/  
316L, Forged Steel,  
& Non-Ferrous Metals  
like Brass, Bronze,  
Gun Metal.



### Element:

SS-304/ 304L,  
SS-316/316L,  
Monal metal,  
Hust Alloy,  
Brass,  
Cupro Nickle,  
Bronze.



## DESIGN & SPECIFICATION:

Design Standards	ASME 16.34 / ASME Sec VIII	
Flange Drilling	ANSI B16.5 / BS 10 Table / DIN/ IS 6392	
Pressure Rating	150#, 300#, 600#, 900#, 1500#	
Operating Pressure	Upto 255 Kg/ cm <sup>2</sup>	
Operating Temp.	Upto 150 °C	
Flow rate	Liquids:	Upto 42,000 LPM
	Air/Gas:	Upto 40,000 CFM
Degree of Filtration	Liquids:	Upto 800 mesh
	Air/Gas:	Upto 1250 mesh



## QUALITY ASSURANCE:

We are an ISO certified Company and our world class quality products are designed & manufactured under strict quality assurance as per Indian/ International standards.

As per our customer requirements, we also work under third party inspection, if necessary, under the agencies such as,

- Bureau Veritas
- Lloyds
- Rites
- PDIL
- SGS
- SCI
- VCS Quality Service
- Bax Council Inspn. etc.



## ISO CERTIFICATIONS



## TESTING & INSPECTION:

We have a strict Raw material, In-Process and Final Product testing and inspection procedures, as per the highest quality standards, which includes:

- Dimensional Inspection
- Radiography Test (RT)
- Hydraulic test (HT)
- Ultrasonic testing (UT)
- Dye Penetration test (DP)
- Megnaflux Test (MPT)
- Thickness testing
- Pressure drop Vs. Flow rate test
- Bypass valve/Cock seat leak test



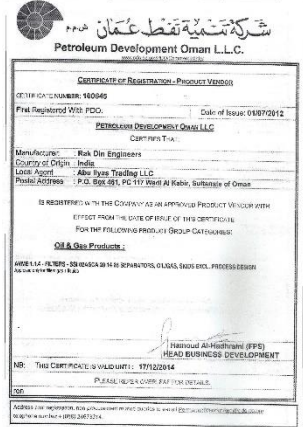




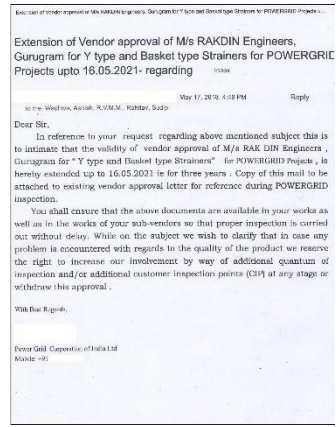
# APPROVALS/ PERFORMANCE LETTERS:



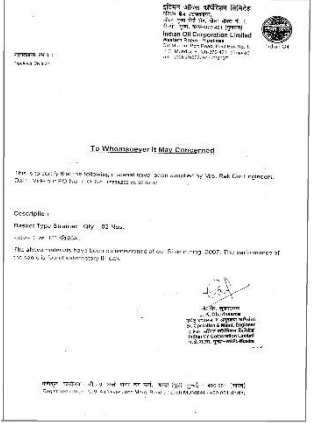
**Engineers India Ltd. (EIL)**



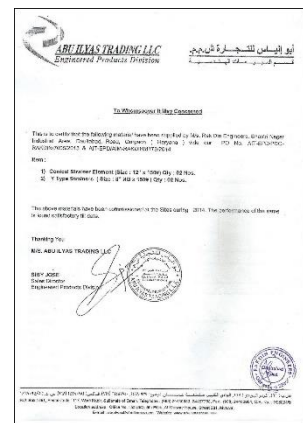
**Petroleum Development Oman (PDO)**



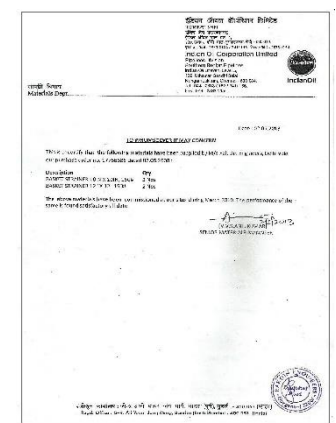
**Power Grid Corp. of India Ltd. (PGCIL)**



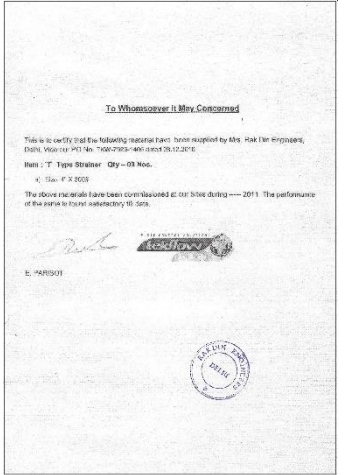
**Indian Oil Corporation Ltd. Gujarat (IOCL)**



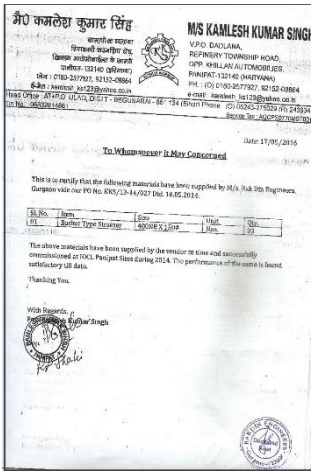
**Abu Ilyas Trading Oman**



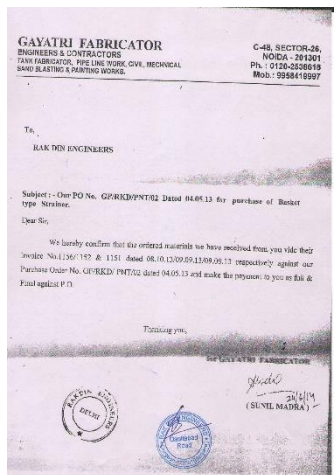
**Indian Oil Corporation Ltd. Chennai (IOCL)**



**Tekflow Group France**



**Kamlesh Kr. Singh For IOCL, Panipat**



**Gayatri Fabricator**

## FEATURES:

- High Filtration Ratio
- Minimum Pressure drop
- Davit assembly for larger sizes
- Easy & safe Maintenance
- Compact design
- Rugged construction



## **RAKDIN ENGINEERS**

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(India)**

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### **Works:**

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### **E-Mail:**

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### **Visit us at:**

**[www.rakdinengineers.com](http://www.rakdinengineers.com)**