

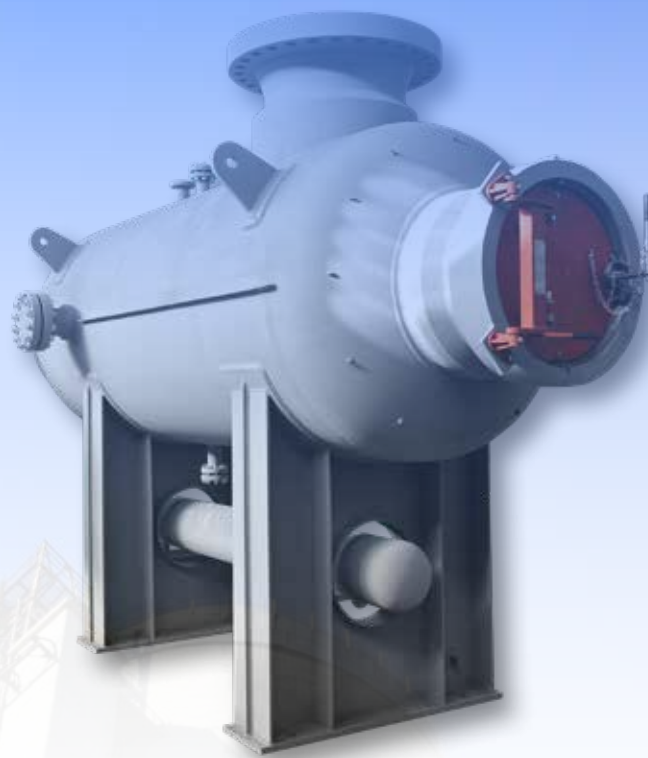


Filtration Systems **Energy, Oil & Gas**



Purification Control Technology





BEA Technologies provides custom solutions for the filtration of liquids and compressed gases based on the specific requirements of industries which are active in oil extraction, refining and **energy** production.

In the field of typical applications such as filtration of gasoils, production intermediates and fuels, solvents and polymers, amines, protection to reactor and heat exchangers, condensate filtration, our knowledge has allowed us to develop products with performances that comply with the current specifications and requests of industry.



Efficient, flexible, reliable
BEA Technologies filtration solutions
for the ENERGY, OIL & GAS industry

Every product is the result of a constant technological research, of the careful selection of materials, of a rigorous production process and it is tested before release.



The background of the entire page is a photograph of industrial filtration equipment. It features large, horizontal stainless steel cylindrical vessels with various pipes, valves, and electrical components. The equipment is mounted on a metal frame. The lighting is bright, highlighting the metallic surfaces.

BEA Technologies offers:



Products with high quality standards and design.



A complete line of pre-assembled and automatic filtration systems with highly reliable performance.



Certifications in line with industry standards, products that comply with safety requirements, pressure vessels manufactured according to PED, ATEX, ASME, etc.



Certificates of construction materials based on customer needs.



Wide selection of automatic feed filters and self-cleaning backwash filters.



Wide range of spare parts ready from warehouse.



Possibility of adapting products based on customer specifications (Filtration systems).



Quality guaranteed by the entirely Made in Italy internal design process, and by the selection of qualified suppliers certified by the BEA Quality System.

Quality and experience make the difference in critical moments

To apply to BEA Technologies means to rely on a company with long experience, high technical knowledge in filtration and a certified organization that guarantees to achieve the goal of efficiency and optimization in the ASSETS and plants and management.



BEA Technologies is able to manufacture according to industry regulations and to propose the advice as a cooperative partner with a risk base thinking approach to support **ENERGY, OIL & GAS** companies who want to be prepared to face present and future challenges of the market.

Fast, effective, expert.
BEA Technologies assistance for the
ENERGY, OIL & GAS industry

Fast and targeted reaction makes the difference when it come to assistance. For this reason BEA Technologies is provided with a team of qualified personnel, able to support companies both in the phase of quotation and after-sales assistance for the commissioning, set-up and start-up phases of the filtration systems and pre-assembled packages.



Services available for the client:

- Tests in the BEA internal Laboratory and on field to define the filtration system and optimize the production process.
- Optimization in design phase to offer compact product solutions.
- International technical assistance.
- Quick and reliable delivery times for spare parts.
- Customer service available for all commercial needs.



Looking for the proper solution

Dedicated filtration solutions for specific applications



EXTRACTION OIL-GAS, FPSO AND OFFSHORE PLATFORMS

- Treatment of product water.
- Treatments of RAW feed stocks and "crude oils".
- Fine filtration for "water for Injection on wells".
- Filtration of chemicals for injection.
- Filtration of MEG, TEG and protection of gas dehydration plants.
- COALESCER and SEPARATORS filters to separate water and oils from natural gas.
- Filtration of gas condensate (condensed HC).



REFINING:

- Intermediate filtration of GASOIL, VGO, HVGO, DHDT.
- Fine dust filters for gas treatment in OCTANIZER UNITS.
- COALESCER filters to separate water from fuels.
- Filtration of compressed gases and technical gases.
- Solvent recovery.
- Make-up water" filtration and cooling water.



PRODUCTION OF OTHER FUELS:

- Filtration of biodiesel and bio fuels and clean fuels.

Legislative limitations, environmental problems, process complexity: each application has specific requirements, which must be carefully considered in the selection of the most suitable filtration system. For each industry and application of the OIL-GAS and ENERGY industry, BEA Technologies offers one or more dedicated products.



ENERGY PRODUCTION:

- Primary and cooling waters.
- Hydraulic oils serving turbines.
- Fuels and fuel gas treatment packages.
- Compressed air / gas purification and steam.
- Protection of reverse osmosis systems.
- Condensate filtration.
- Filtration of primary and cooling waters.
- Compressed gas filtration.



NATURAL GAS DISTRIBUTION (PIPELINE):

- COALESCER and SEPARATORS filters to separate water and oils from natural gas.
- Conditioning, filtration, reduction and measurement packages for natural gas.



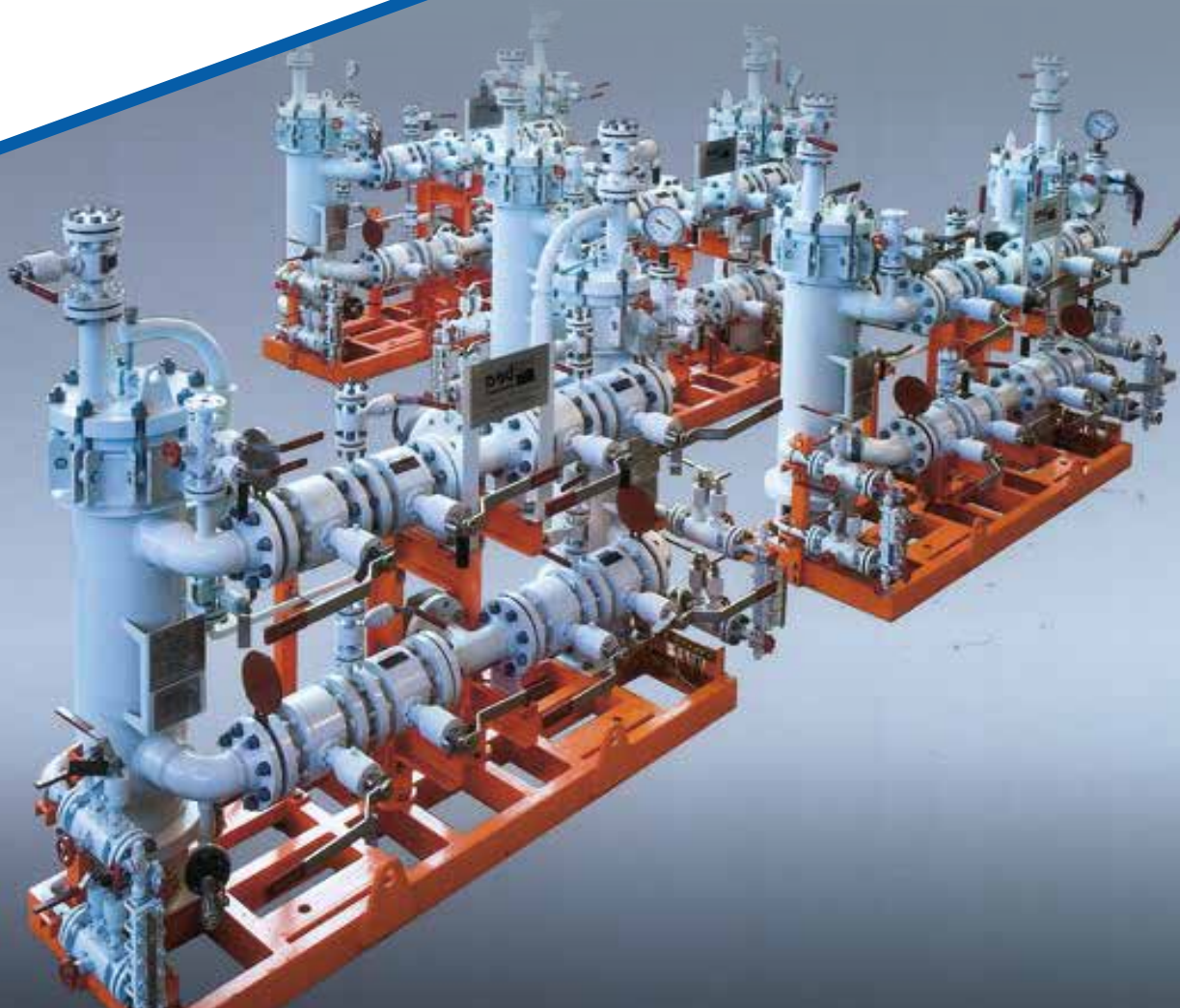
PETROCHEMICAL:

- Purification of intermediates and reagents.
- Purification of solvents-resins and aggressive fluids.
- Stabilization of polymers.
- Water treatment and utilities management (compressed steam and gas).
- Technical gas treatment.

*PACKAGE AND FILTRATION SYSTEMS
FOR HYDROCARBONS*



*FILTRATION SYSTEMS
FOR OFFSHORE AND FPSO*



*PACKAGE FOR NATURAL GAS
AND "FUEL GAS CONDITIONING"*



*FILTRATION SYSTEMS
FOR WATER*





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