



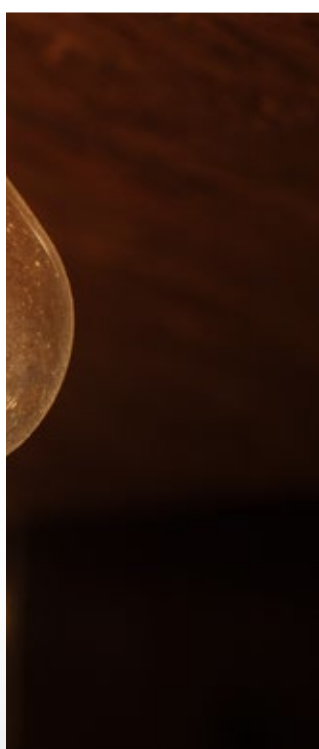
Filtration Systems
Energy, Oil & Gas

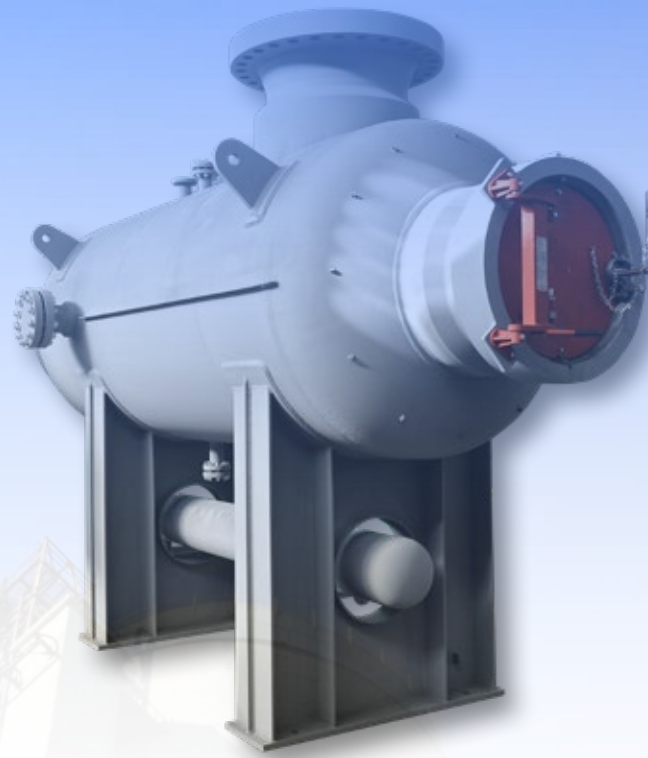


Purification Control Technology



Filtration Systems
**Energy,
Oil & Gas**





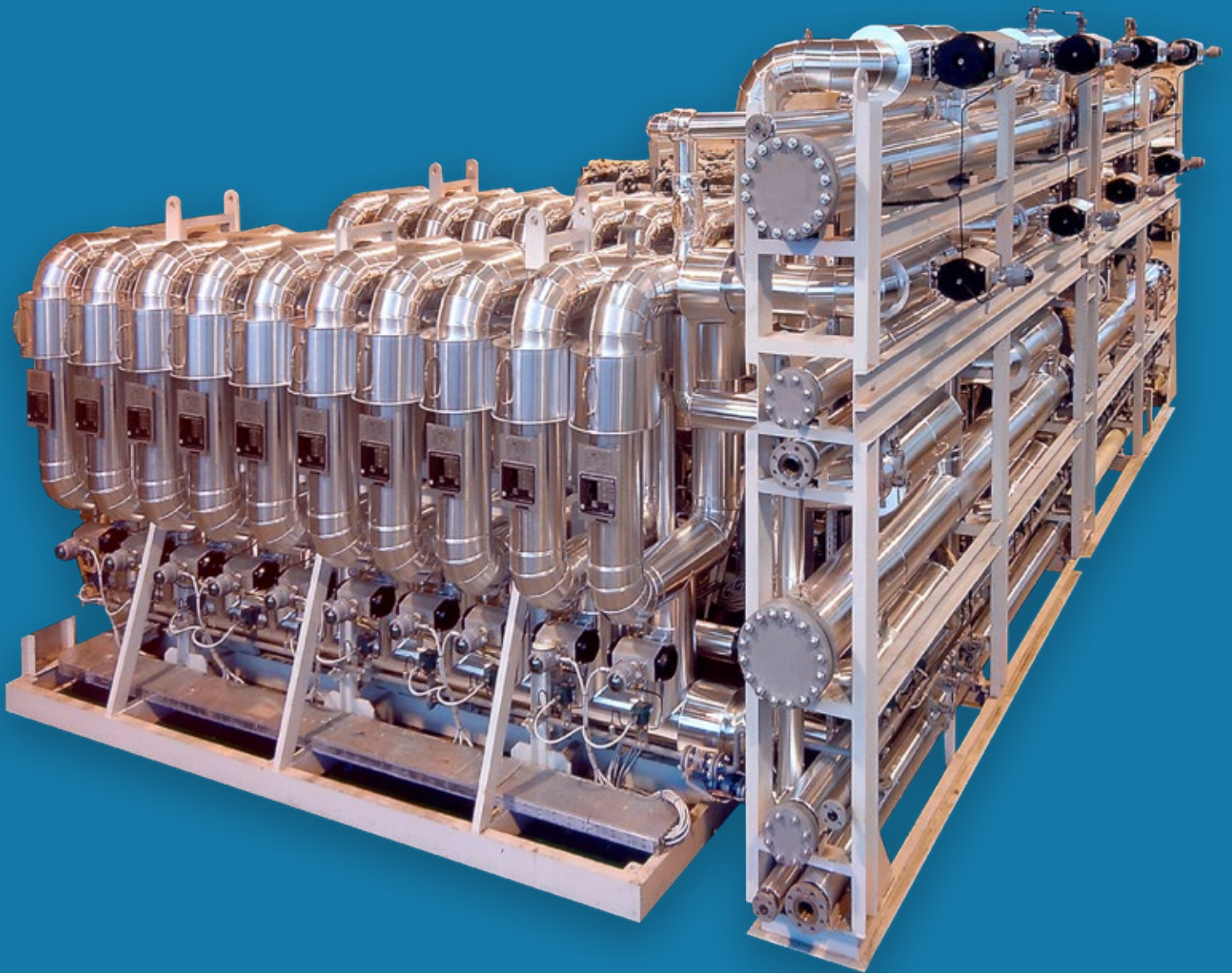
BEA Technologies provides custom solutions for the filtration of liquids and compressed gases based on the specific requirements of industries which are active in oil extraction, refining and **energy** production.

In the field of typical applications of 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 requirements 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 that it is tested before release.



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 support 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 for products from extraction.
- 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 (HC condensate).



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.
- Amine filtration packages.



PRODUCTION OF OTHER FUELS:

- Filtration of biodiesel and bio fuels and clean fuels.

LEGISLATIVE LIMITATIONS, ENVIROMENTAL 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:

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



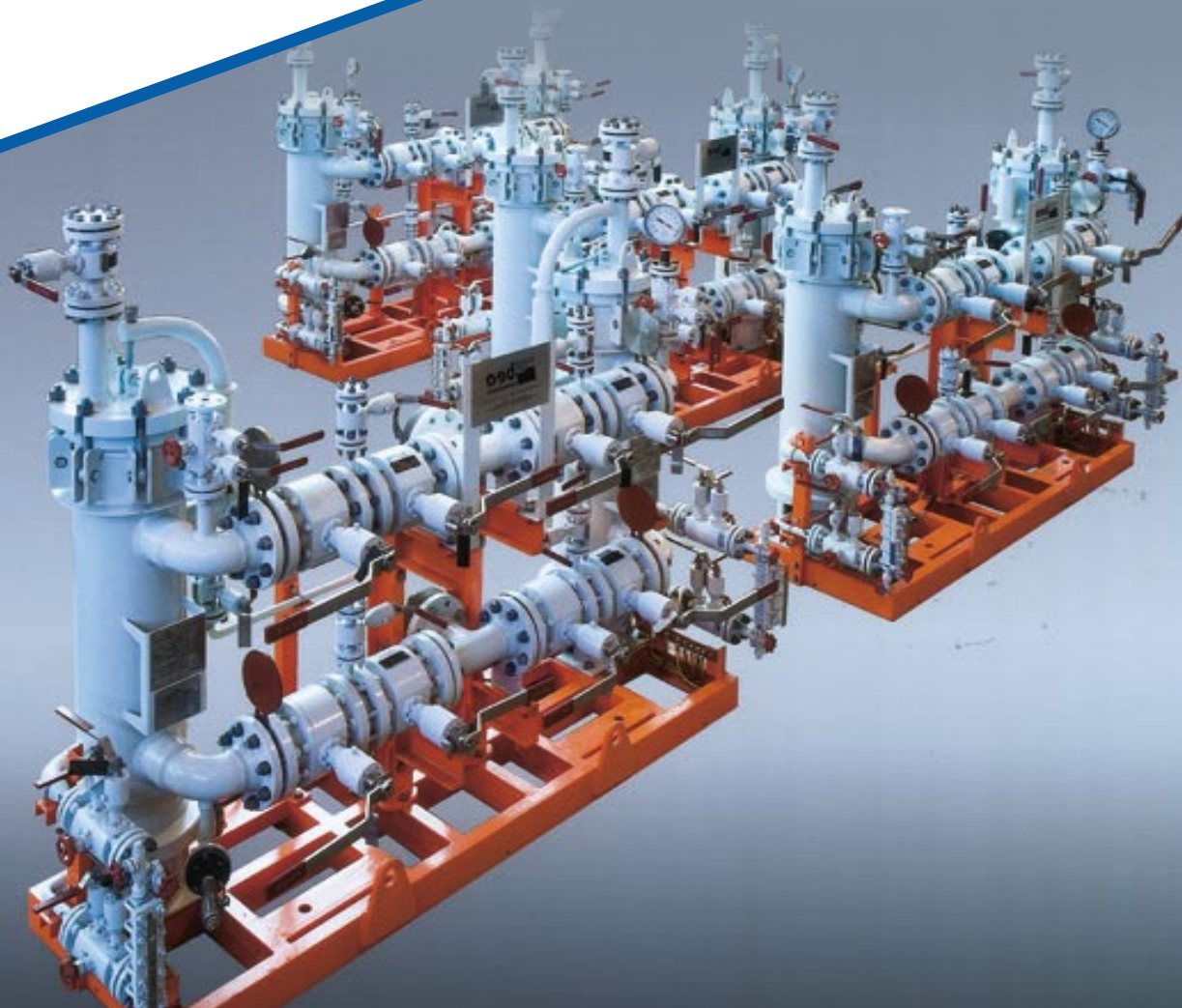
PETROCHEMICAL:

- Purification of intermediates and reagents.
- Purification of solvents-resins and aggressive solutions.
- 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*





Purification Control Technology

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