

# Engineered Products & Skid Systems

For over 40 years, 3L Filters™ has designed, manufactured and tested a wide variety of custom engineered products and complete skid-mounted systems.

Our experienced engineering team has created systems for a multitude of markets and customers. We apply our in-house talents to accommodate all aspects of design, from piping and structural to instrumentation and PLC programming. Systems can be designed to meet ASME codes, seismic requirements and military specifications as required.

With designs on file from hundreds of successful applications, 3L Filters™ can provide a custom engineered system that is guaranteed to perform to the customer's specifications.

## Applications

3L Filters™ has special expertise in liquid filtration systems for nuclear, petrochemical, water treatment and environmental applications.

## Capabilities

- stress analysis, seismic analysis and design registration
- AutoCAD & Solid Edge design drawings
- fabrication in carbon steel, stainless steel, aluminum or specialty/exotic materials
- GMAW, SMAW, SAW, and GTAW welding methods
- experienced, qualified welder
- large library of approved welding procedures
- 25 ton lift capacity
- in-house machining, blasting and painting
- in-house and third-party NDE testing
- in-house pressure and performance testing



## Examples of Other Engineered Products & Skid Systems

- amine filtration skids
- turbine polishing filtration skids
- turbine fuel gas filter separator packages
- turbine jet fuel polishing filtration skids
- helicopter refuelling skids
- fuel pumping stations
- water filtration skids
- boiler condensate polishers
- natural gas purification skid
- biogas separators for municipal landfill
- offshore drilling platform fuel dispensing skids
- ion exchanger skids

Engineered Products & Skid Systems

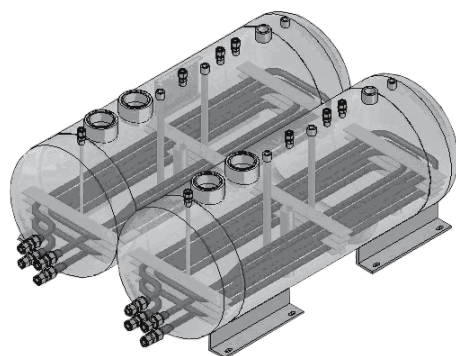


### Groundwater Recovery System

- pre-filter plus oily water separator

### Fuel Forwarding Skid

- pumps, pre-filter & filter separator



### Gas Separator Assembly

- for hydrogen gas production

### Helicopter Refuelling System

- for offshore drilling platform



### Single Tower D<sub>2</sub>O Vapour Recovery Dryer

- removal of heavy water vapours from air

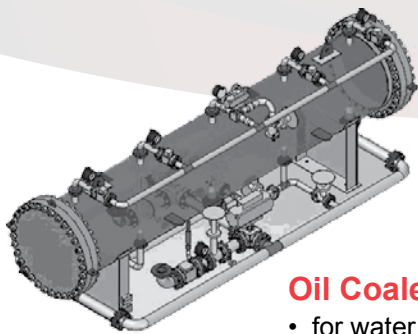


### Dual Tower D<sub>2</sub>O Vapour Recovery Dryer

- removal of heavy water vapours from air



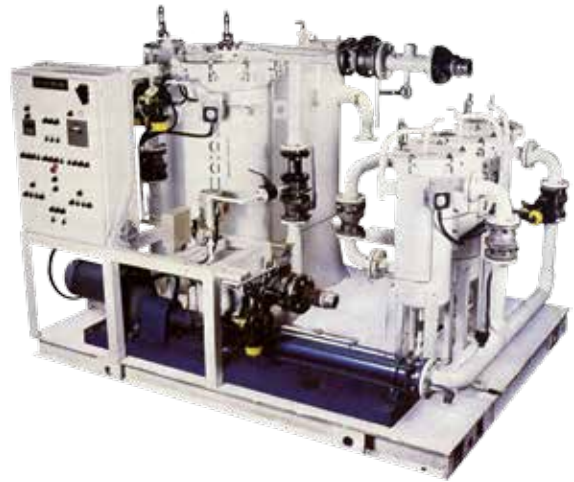
Typical Engineered Products & Skid Systems



### Oil Coalescer

- for water remediation

### Oil Water Separator



### Automotive Paint System

- bag filters



### Tank



### Ion Exchanger

- anion and cation beds

Typical Engineered Products & Skid Systems