

# RECOVER

## MARINE OFFSHORE INTERACTIVE RECOVERY CATALOG

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# TANK CLEANING



## Efficiency, quality and personal safety

Our highly skilled and experienced work force are ready to clean all manner of tanks found on vessels. Working with the right tools, equipment and knowledge. We strive to provide unmatched quality and consistency in every job we do.

Hazardous and non-hazardous environments alike, safety is key. Our staff is equipped with tank rescue kits and trained in monitoring the atmospheres in confined spaces with approved gas and oxygen detectors. Our clients can rest assured that jobs are executed, without any compromise in personal safety.

## Tank cleaning solutions for:

- Fuel oil
- Waste oil
- Sewage and grey water
- Ballast water
- Potable water
- Mud & brine
- Cement



# VACUUM UNITS



## Innovative removal solutions

With our new vacuum units, Recover are pushing the boundaries in providing new innovative, cost effective and environmentally friendly vacuum solutions to the industry.

With a 56m<sup>3</sup> capacity and strong vacuum pump, we are able to remove all manner of dry bulk, and liquid form, from any location on-shore and off-shore.

A large 4" vacuum hose makes it possible to remove isolation, large cement sediments and even rocks and stones.

### Benefits include:

- Economical savings up to 40% compared with traditional vacuum trucks.
- Continues work flow dew to large 56m<sup>3</sup> capacity.
- Non-polluting and safe for dangerous materials such as asbestos.





# SPOT ON REPAIR



## Preserving your vessel

Recover Nordic can assist with different surface treatments.

A damaged hull, rust or touch up. We work closely with paint producers to meet the required specification, so your vessel will be safe from the elements.

Tanks on board a vessel requires cleaning and maybe hazardous waste removal and disposal, before coating is possible. Recover can manage the whole process making us a “one stop shop” when it comes to surface treatments.

This all translates into a fast, reliable and economical solution.

## We cover these areas:

- Vessel hull refurbishment
- Painting of vessel
- Rust treatment
- Minor renovations



# DRY ICE BLASTING



## Blasting qualities without the mess!

Recover offer dry ice blasting solutions to multiple different industries.

As a non-abrasive and dry-cleaning solution, it has unique cleaning qualities not achievable any other way. Dry ice evaporates on impact with the surface being cleaned. This makes it ideal for electrical equipment, or motorized parts.

The only residue left behind is the contaminant being removed, which can be vacuumed afterwards. Some environments are not suited for water jetting and sandblasting. Here dry ice blasting could be the solution.

## Different applications of dry ice blasting by Recover include:

- Cleaning exhaust ducts in galleys and kitchens
- Cleaning ships engine parts
- Surface cleaning after fire related damage
- Removal of rust in dairy's and other food production facilities

As a non-toxic cleaning agent, there are environmental and cost saving aspects to consider, when compared to other solutions, where hazardous and harmful chemicals are used.



# WASTE MANAGEMENT



## Proper handling of hazardous waste

Hazardous waste needs to be disposed of properly. There are strict laws and regulations associated with hazardous waste, and miss-management can have catastrophic impacts on the environment. A simple removal and disposal job can end up being a very costly affair.

At Recover we only use vendors and sub-contractors who work within these laws and regulations, and demand they meet the highest of standards. From transportation to disposal facilities, we make sure that the waste is disposed correctly, with a minimum impact to the environment.

We handle all the necessary paper work and issue disposal certificates for personal records.

Waste removal can be a tricky and dangerous endeavour. Recover's work force are well educated and have undergone extensive training.

We operate in hazardous and extreme environments on a daily basis. With experience, knowledge and respect, we will get the job done without compromising on personal safety and the environment.

- Waste oil
- Drilling/cutting oils
- Asbestos
- Chemicals
- Dry bulk

With more than 30 years' of experience in waste management, we are the go to reliable partner.





# JOB & SAFETY MANAGEMENT



## Your partner for efficient and safe job execution.

The maritime sector is an unpredictable and often dangerous work environment. With so many sub-contractors, and new faces on every job, maintaining strict safety regulations can be a daunting task.

Recover offers a complete Job and Safety management system that ensures all jobs are handled and executed to meet all safety regulations. With Recover's trained and experienced safety managers working closely with vessels personnel, you have an assurance that jobs will run smoothly without incidences, and costly delays.

### Service provided:

- Pre-and ongoing meetings with vessel
- On-site registration of workers
- Opening/closing work permits
- Tool box talks
- Safety surveillance
- Documentation of accidents and near miss accidents
- Job approval when executed



# SPECIALISED CLEANING



## Experience is key.

Years of experience in the offshore and marine industry has given us valuable knowledge in a broad and diverse amount of cleaning applications.

Understanding the methods needed for various materials is paramount as not to damage often precious and expensive machinery.

From new technologies to old fashion hard work. We know how to get the job done right the first time, allowing our clients to get back to business without any unforeseen delays.

## We cover these areas and more:

- Auxiliary boilers
- Engines
- Tank tops and bilges
- Plate and box coolers
- Sea and overboard valves
- Crossovers
- Drains and scuppers





# ASBESTOS, PCB AND LED



## Safe and reliable sanitation solution by Recover

Asbestos, PCB and LED can lead to a disastrous amount of contamination throughout a vessel. Closing down operations for long periods and endangering all personnel on-board.

Recover uses state-of-the-art sanitation solutions, and along with our highly trained and experienced work force, we are not only service providers. We are problem solvers.

With countless projects under our belt, we are confident in providing clients with safe, reliable, fast and cost-effective solutions.

From identifying and testing to sanitation and waste disposal, Recover Nordic is your trusted partner from beginning to end.

All sanitation and waste management is done in accordance with Danish laws and regulations.

Recover is a member of [The Danish Demolition Section at Danish Industry](#). We follow the instructions they have provided, regarding asbestos cases and other dangerous substances.



# POTABLE WATER SYSTEMS



## Environmentally friendly, time saving and effective.

A new partnership between EPSCO UK and Recover DK allows us to introduce the EPSolve cleaning and disinfecting method.

This innovative cleaning method allows us to clean entire potable water systems using a non-chlorine chemical solution, which both cleans and disinfects simultaneously. Along with new and innovative application methods, we can clean and disinfect a vessels fresh water system at a fraction of the time compared with traditional cleaning methods.

## ECO friendly and cost effective!

EPSolve is environmentally friendly due to its composition and reaction principle. The chemicals are injected directly into the system, thus achieving considerable savings on water and disposal charges. Compared with traditional flushing methods, this is quicker, simpler and has a superior cleaning effect.

