

# The Garbage Converter Container - Dealing with the problem of offshore garbage



Dealing with General Garbage offshore is a real headache which to date has had no real solution to deal with it. IES has developed and patented a containerised Garbage processing system, which not only reduces the volume of waste by **80%** but also removes **50%** of the weight by removing the moisture content of the garbage.

The process relies on friction to generate heat during the process which in turn allows the moisture to evaporate as steam which in turn sterilises the garbage killing any harmful germs and bacteria. The now dry, odourless, sterile inert processed garbage (RDF) is then dispensed into a holding bin which contains a vacuum bag. **The bag is then sealed and can be stored for up to 12 Months.**

The whole process is complete in between **25 to 40 minutes** depending on the moisture content of the waste. Under normal conditions converter container can process the garbage of a POB compliment of up to **250 personnel generating** around **500KG** of garbage per day in approximately **7 to 8 hours** depending on the humidity of the waste.

## Garbage Container Benefits

- ☑ Deals with all general garbage offshore.
- ☑ Self-contained plug and play 20' ISO zone 2 container design.
- ☑ Reduces waste volume by up to 80%.
- ☑ Reduces weight by up to 50%.
- ☑ No smell during or after processing.
- ☑ Kills Germs and harmful Bacteria through sterilisation process.
- ☑ Vacuum packed allowing extended storage of up to 12 Months.
- ☑ Long or short term rental solutions available.

## Process Result





Inventive  
Environmental  
Solutions

## The innovative ecological alternative to landfill dumping



Reductions in waste save transport and processing costs whilst reducing environmental impact.

The Garbage Converter Container, designed to deal with the headache of garbage offshore. All the IES units are tailor made in the UAE to exacting standards, purpose built and meticulously constructed to meet the demands of the next generation of Oil and Gas field development requirements.



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