



SEWAGE TREATMENT UNITS

A TURN-KEY AND MODULAR SYSTEM DESIGNED ACCORDING TO YOUR NEEDS

Maisonneuve Citerne

RAW WATER :

Black and grey waters from toilets, showers, kitchens, lavandries and infirmaries of a 100-5000 men camp base, military camp, hospital, off shore living quarters, or emergency situations with a mobile design.



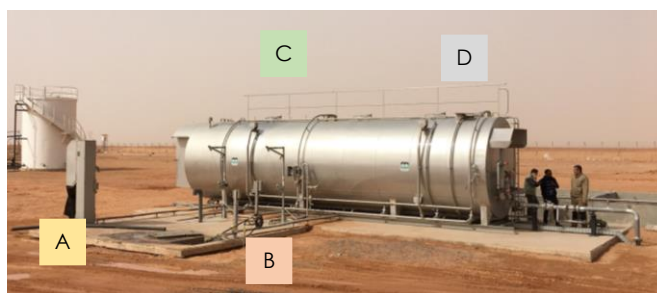
A



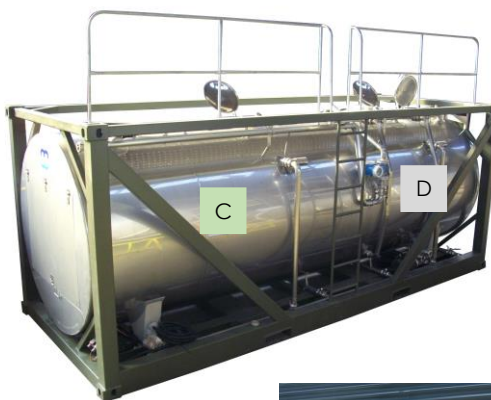
PROCESS :

Each unit is designed according to harsh environmental conditions. The process is as per site requirements and standards discharge as follow :

- **Sewage pre-treatment « A »** with a manual or automatic degreasing system and screening to remove undesirable matters.
- **Mixing « B »** inside a concrete basin or an above ground tank equipped with a mixing and /or aeration system in order to homogenize the load and the treated flow.
- **Biological treatment « C »** of the water coming from the mixing basin in order to eliminate the organic matters.
- **Tertiary Treatment « D »** by sand or zeolite filter and disinfection to reuse the water.
- **Sludges dewatering « E »** sludges from the biological treatment are treated into big bags, drying beds, or press filter.



B



D



E

TREATED WATER DISPOSAL:

- Land discharge (according to requested discharge standards), or sea discharge (according to IMO standards)
- Reuse (landscape irrigation, service water).

