

Hydrocarbon Separators

Oil removed from contaminated waste water

Hydrocarbon separator plants serve **to remove the residual mineral oil from industrial water**. This installation is required at service stations, car washes, repair shops, garages and specific industrial applications.



Hydrocarbon separation plant

Advantages and Benefits

- Higher performance at a lower cost due to our own design and custom manufacturing of all equipment.
- Our mobile and easy unit reduces shipping and assembly cost.
- High chemical resistance to corrosive agents.
- Quick installation and commissioning.
- High mechanical strength.
- Adequate thickening for any application following UNE-EN 12121 or ASME.

• How it works?

The process have of two stages:

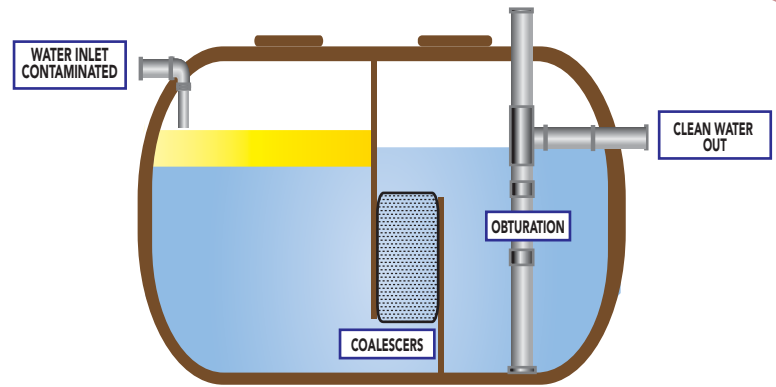
1.Oils Removal

In the first stage is carrying out the oil separation. By differences of densities between the water and oils the hydrocarbon separation occurs.

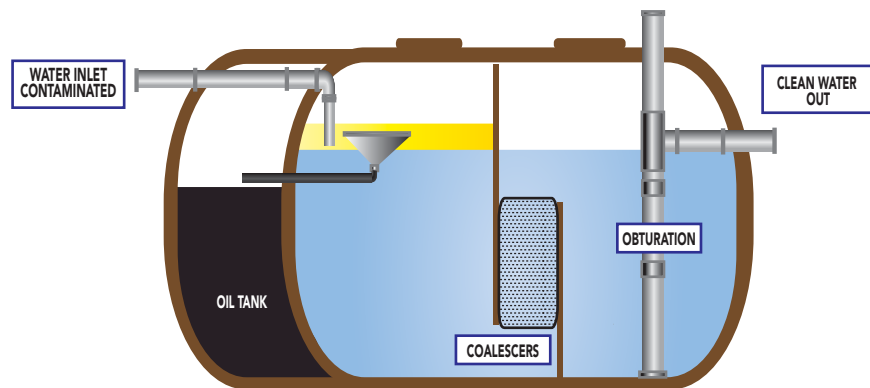
In **Dimasa Grupo separators** is included a **coalescing cell**. It allows for higher performance.

2. Security System

In addition, we include in all our teams a **Obturator**: **safety device that prevents the leakage of oil**, thus avoiding polluting discharges to the in the effluent.



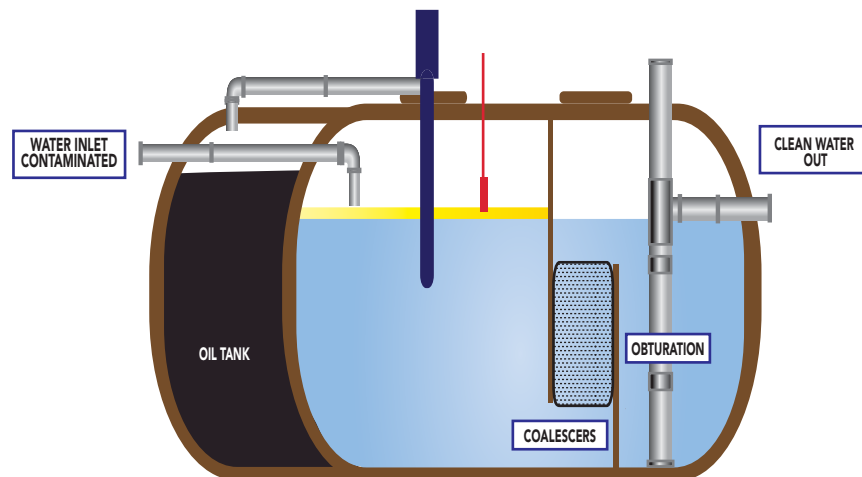
MANUAL EQUIPMENT



SEMI-AUTOMATIC EQUIPMENT

Dimasa Grupo: union between manufacturing and engineering

We manufacture all equipment designed directly by our engineering department.



AUTOMATIC EQUIPMENT

Accessories



Obturator

Coalescers

Skimmer