

Produced Water Treatment Package



We provide complete produced water treatment solutions for both offshore and onshore applications. For onshore applications, our solution typically comprises corrugated plate separation (CPI), induced gas flotation (IGF), dissolved gas flotation (DGF) and multimedia filtration for polishing. For offshore applications, our solution typically comprises of deoiling hydrocyclones and Compact Flotation Unit (CFU).

Deoiling hydrocyclones remove the bulk of the free oil content in a produced water stream. Typically removing oil particle size greater than 10 - 20 um thus producing effluent water with oil content of 100-200 ppm to reduce the load on downstream treatment processes. Our most economical and reliable flotation solution includes both induced/dissolved gas flotation and compact systems for onshore or offshore installations.

Our filtration and polishing solution includes licensed technology packages such as coalescer packs and backwash, backwash type nutshell filters to achieve reliable deoiling and particle filtration. We also offer solutions for desanding, closely working with licensed technology suppliers for vessel sand jetting, desanding hydrocyclones, and sand washing systems.