



ENERGY AND PLANT TECHNOLOGY LIMITED
CONSULTING | TECHNOLOGY | ENGINEERING | CONSTRUCTIONS

Prompt and Successful Project Delivery

OIL & GAS PROCESS SPECIALIST

Lagos

No 28 Prince Bode Adebawale Crescent, Lekki Phase 1, Lagos Nigeria.
Telephone: +234 805 975 5032, +234 803 233 7574

Port Harcourt:

Federal Light Terminal, Onne Port Complex, Port Harcourt Nigeria
Telephone: +234 803 233 7574

Lafayette: 4710 Cameron Street, Lafayette La 70506

Telephone: +1 (713)-859-3451

Three Phase Separators

Separators are designed to separate production fluids into their constituent components of oil, gas and water. Oil and Gas Separator is a pressure vessel used for separating well stream into gaseous and liquid components. They are installed on an Onshore processing station or on Offshore platform. Gas and Liquid separators are classified as Three phase separator, Two Phase separator, Free Knock out Drums, Flare KO Drum, Degassers, this can be either Horizontal or Vertical.

Features - Our Three Phase Separators typically includes;

- Primary separation device and/or section,
- Secondary "gravity" settling (separating) section,
- Mist extractor to remove small liquid particles from the gas,
- Gas outlet,
- Liquid settling (separating) section to remove gas or vapor from oil (on a three-phase unit, this section also separates water from oil),
- Oil outlet, and
- Water outlet (three-phase unit).
- Other internals based on client request and case process conditions & fluid properties

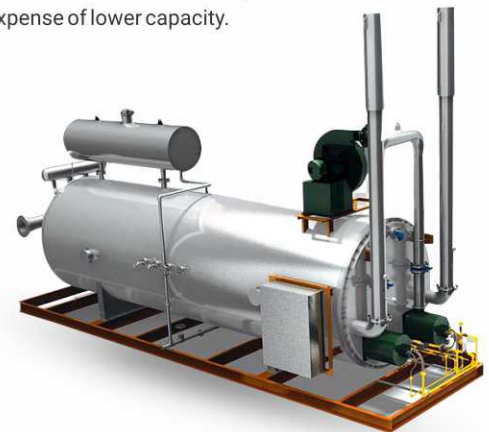
All mechanical separators are designed and manufactured in-house with highly advanced calculation softwares. EPT select appropriate internals based upon fluid properties and client requirements to optimize Separator design"



Electrostatic Heater Treater

Electrostatic Heater Treater (EHT / Crude Oil Dehydrator)

The Electrostatic Heater Treater allows for both heating of the fluid to a predetermined treating temperature and provides a section for coalescence. Heater-Treaters are designed to handle high amounts of heat and/or oil are generally designed to be oriented horizontally. Vertical designs allow for space-efficiency at the expense of lower capacity.



"Please call
0703 250 7963
for EPT novel
crude oil
treater packages."



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Produced Water Treatment System

EPT undertakes Engineering, Procurement, Installation, Commissioning, Operations and Maintenance of Produced Water Treatment Systems to help clients meet EGASPIN standards. Our deployed technologies include but not limited to Wemco IGF & mIGF vessels, Nut shell filters, CPIs, Hydrocyclones, WaterWolf etc.



Gas Processing & Utilization Services

To produce an immediate processing upgrade to your natural gas stream, EPT through her global partners has a fleet of JT Skids of various sizes that are readily available and skid-mounted for quick installation. Our processing plants can increase your NGL recoveries by a pressure drop, condensing and removing 'heavy' hydrocarbons. We also have stock of other gas processing equipment. Please call EPT today to discuss your gas processing challenges.



Please call
+234 805 975 5032
or +1 337 519 2930
for your Process
Solutions."