

InLine ElectroCoalescer™



Innovative technology improving oil quality, production throughput, and project economics

The InLine ElectroCoalescer™ (IEC) is a disruptive technology that drastically enhances liquid-liquid separation. The IEC significantly reduces the overall footprint and costs of new production facilities, and is the ideal technology to debottleneck existing facilities.

The IEC is a pipe-based electrocoalescer able to break challenging oil-continuous emulsions upstream of oil dehydrators and desalters, thereby improving their operability and performance. This technology can make a big impact for crude oil processing facilities. As a result, the throughput of existing systems can be increased and the footprint of the new-built systems can be reduced. TechnipFMC offers integrated crude oil processing systems utilizing the IEC that provide an increased ROI to operators.

IEC systems can be deployed as stand-alone units or as integrated debottlenecking packages where the corresponding separation/processing equipment is included, providing a complete solution for crude oil processing challenges.

The IEC technology can be utilized in both greenfield and brownfield applications. In greenfield applications, the IEC can be used for reducing the overall size of the crude oil processing facilities and/or increasing its throughput. In brownfield applications, the IEC helps to debottleneck oil processing systems and to boost production. The same technology can be used as a project enabler to return abandoned fields back to production to substantially improve project economics.

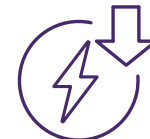
Similarly, on the downstream side, the IEC can be used in refineries to debottleneck existing oil desalting systems as well as reduce the size and improve the performance of new desalting installations.



Compact design reducing footprint and lowering installation costs for greenfield applications



Increase throughput for brownfield applications



Substantial reduction in energy consumption compared to conventional technologies



Reduce chemical demulsifier usage up to 90%

TechnipFMC
Delta 101
6825 MN Arnhem
The Netherlands
Tel.: +31267999100

TechnipFMC.com