



EFFECTIVE INTERCEPTOR PLATE OILY-WATER SEPARATOR

REMOTES FREE OIL (PARTICLES LARGER THAN $30-60\mu\text{m}$) AND TOTAL SUSPENDED SOLIDS (TSS) FROM OILY WASTEWATER

Effective Interceptor Plate (EIP) Oily-Water Separator, referred to as the new CPI type, is installed to remove free oil (particles larger than $30-60\mu\text{m}$) and total suspended solids (TSS) from wastewater. The EIP Pack is developed with industrial improvement requirements in mind.

PERFORMANCE

High Efficiency with more than 90% treatment efficiency (separated oil droplet size of $50\mu\text{m}$).

FEATURES



PRINCIPLE OF SEPARATION

Buoyancy application



SEPARABLE OIL SIZE

$50\mu\text{m}$



INSTALLATION TYPE

Tank and concrete basin



SEPARABLE OIL CONTENT

99%



SEPARATING DEVICE

Effective Interceptor plate pack



OIL CONTENT IN TREATED WATER

5ppm



TREATMENT METHOD

An oil-water mixture is separated using pyramid-shaped plates that are stacked in multiple layers. These plates are arranged within an oil-water separation bath, allowing sludge to naturally accumulate and be discharged from the bottom of the bath



SLUDGE SETTLING

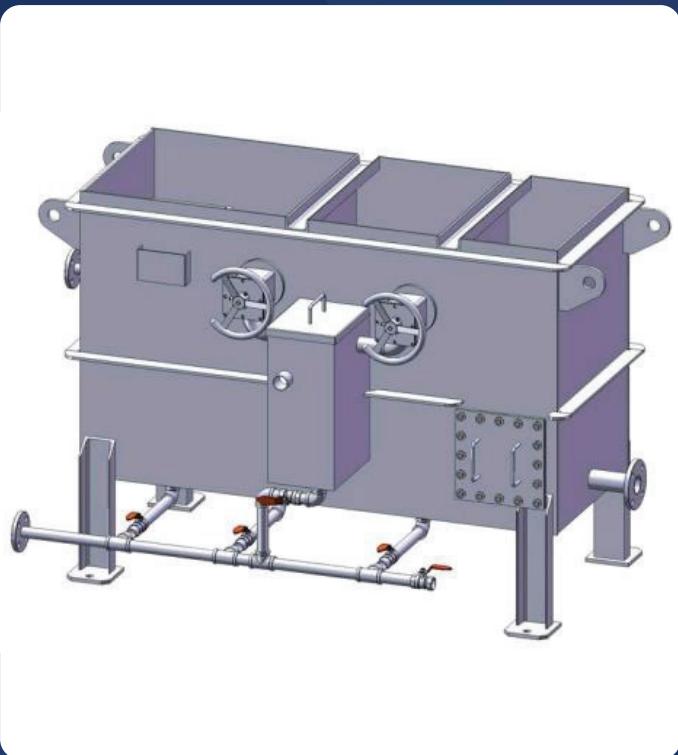
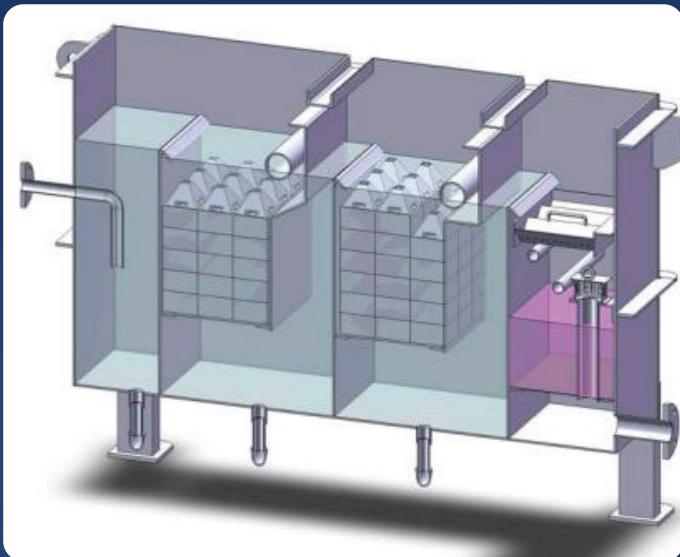
Settles smoothly without clogging the plate pack, as the flow direction of the oily water aligns with the direction of sludge sedimentation

APPLICATIONS

- + FIRST AND SECOND STAGE SEPARATORS FOR EXTRACTION SITES
- + BALLAST WATER AND SLOP OIL TREATMENT FACILITIES
- + OIL REFINERIES

- + LNG PLANTS
- + DOWN STREAM PLANTS
- + OFFSHORE OIL RIGS

EFFECTIVE INTERCEPTOR PLATE



OUR TEAM OF EXPERTS IS READY TO DEVELOP
SOLUTIONS FOR YOUR PROJECT.
CONTACT US TO LEARN MORE