



NEXT GENERATION CROSS FLOW SEPARATOR

SMART FOR TREATMENT

2018



CROSS FLOW SEPARATOR

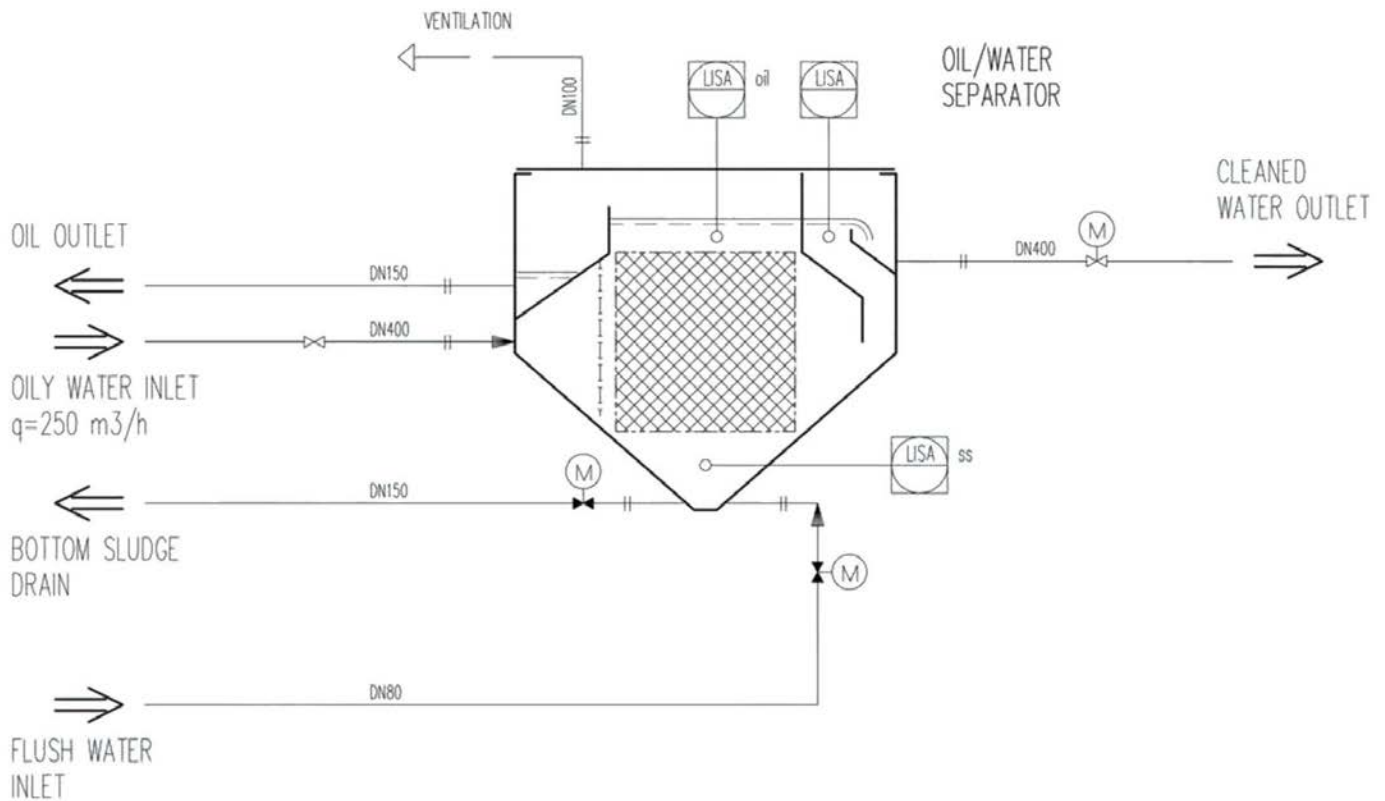
CROSS FLOW separator is a highly efficient gravity separator for removing oil and suspended solids from produced and waste waters. The Lamella pack utilizes time-honored flat parallel plates set at a steep 60 degree angle. The smooth flat plates in a cross-flow design help make this the most non-fouling design industry has to offer. Plate gaps can be tighter with less plugging than traditional coalescer plate designs.

The coalescer plates set at this steep angle help keep the solids moving downward and off the plates. This steep plate angle helps ensure that solids are processed down and out of the coalescer. While oils and grease, in the same manner, can move upward and off the underside of the plates to be processed up and out of the coalescer. Our smooth, flat-plate design has no “nooks and crannies” in which solids and sludge can be caught to prematurely foul the coalescer.

Applications: Oil Production Facilities (Onshore and Offshore) - Removal of oil and suspended solids from produced water after primary gas/oil/water separation; Ballast Water Treatment -Shipboard and onshore treatment of oil tanker ballast water for oil recovery and pollution abatement; Storm water sumps for offshore platforms etc.



PROCESS FLOW DIAGRAM



TECHNICAL SPECIFICATION

- Capacity 250 m³/h
- Length 4,55 m
- Width 3 m
- Area = 13,65 m²
- Plates area 125 m²
- Height 3,925 m
- Material of tank AISI 304L
- Spaces between lamella plates S = 35 mm
- Lamella material AISI 316L
- Inlet connection DN 400
- Outlet connection DN 400
- Weight without water 5.500 kg
- Instruments: Oil carpet level measurement sensor,
Bottom sludge level switch





IT'S TIME TO REDUCE COSTS, INCREASE PRODUCTION AND BE SMART

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Exploring

the Vision
