



Fluid Sampling Skid

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Part number: 5023330

Fluid sampling skid is a stand alone subsea skid, operated by ROV for sampling and phase separation of production fluid.

The Fluid Sampling Skid performs sampling of produced water from the production well fluids. Water is sampled in order to obtain ion- and residual scale inhibitor analysis.

The sampling system is designed for sampling individual fluid phases by circulation and separation of the production media. Part of the production fluid is being routed via the separation system in order to extract water.

Separation function is carried out by Gas/Liquid Separator and Oil/Water Separator in the system. Water samples are collected and contained in dedicated sample bottles.

Key features

- Up to 6 individual well samples
- Battery powered control system
- Integrated phase separation
- DVNGL-ST-E2.7-3 skid

FSS also features two secondary systems:

- Integrated MEG reservoir for barrier testing, preservation and purging.
- Battery powered control system for monitoring of system state.
- MEG and WASTE COMPENSATOR BLOCK with 2 off HP injection pumps, 2 off bladder reservoirs and waste compensator for barrier testing, preservation and purging with MEG.

MAIN COMPONENTS

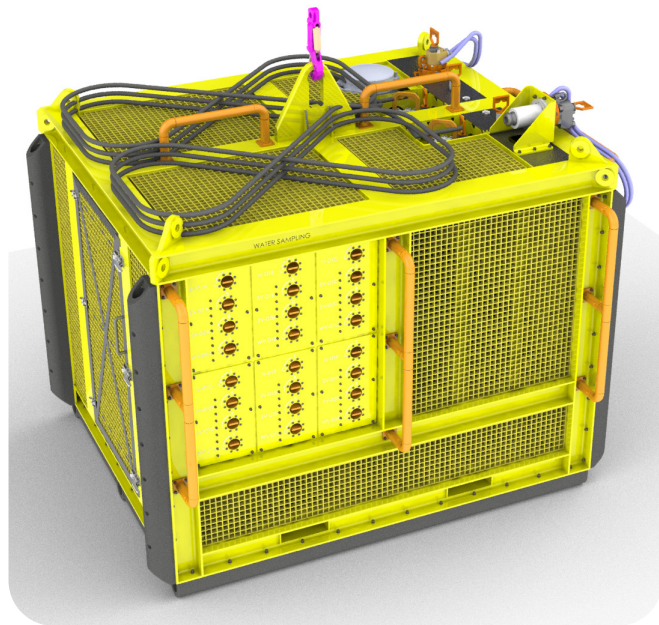
Sampling/Processing unit
Battery powered control system incl logging

GENERAL

Immersion time: Up to 3 weeks
Storage temperature range: +1°C to +40°C
Transportation temperature range: -10°C to +40°C
Design pressure: 345 bar / 5000 psi

SIZE AND WEIGHT

Size (W x L x H): 3300 x 2839 x 2940mm
Weight in air: 7500 kg
Weight in water: 6058 kg



INTERFACES

XT: 2-line hose assy w/stabs (upstream/downstream choke)
ROV Panel "Process": Paddle valves, displays, switches, hot stab
ROV Panel "Water sampling": 6x4 Paddle valves
Lifting: Single point & 4-point DVNGL-ST-E2.7-3
Handling: Forklift pockets

MATERIAL

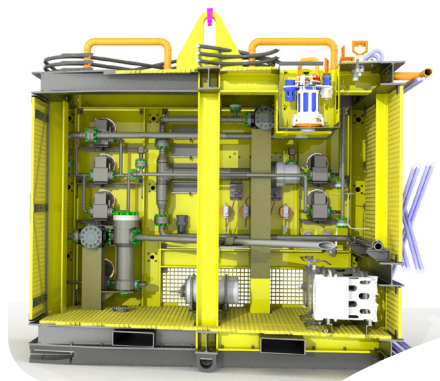
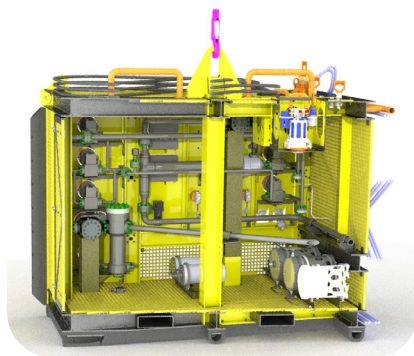
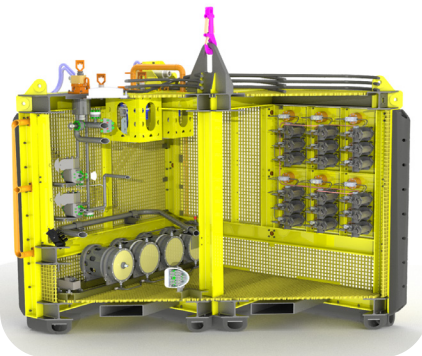
Frame: Carbon Steel, System 7 coating
Processing unit: Super Duplex

SAMPLING

- Up to 6 individual well samples
- 3 x 405cc available for each sample

STANDARDS

NORSOK Z-018: 2013; Supplier's documentation of equipment
ISO 13628-1:
ISO 10423:
EN 82079-1: 2012; Preparation of instruction for us
NORSOK U-001: 2021; Subsea Production systems
NORSOK D-010: 2021 + AC2; Well integrity in drilling and well operations



CUSTOM BUILDS AVAILABLE ON REQUEST

Last modified: March 17, 2025

Note: We accept no liability for any printing errors or changes in specification.

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