PLUG & ABANDONMENT

Case Study—SepSORB® - Plug & Abandonment

Separo was approached by a new client to support a 3 well plug & abandonment project. We provided water treatment on residual fluids from the well allowing much of the waste to be treated at source and discharged overboard from the construction vessel.

Separo's scope of supply was;

- SepSORB® filter vessels x 4 (2 x operational, and 2 x standby).
- Containerised air driven pump system.
- Hoses and connections for our equipment.
- Filtration Specialists x 2, for 24 hour operation.

This system was setup with a capacity to process up to 40 m3/hr.

As these systems are designed and supplied to be 'plug & play' the rig up is quick and safe.

SepSORB® Filter Vessel

Hydrocarbon contaminated fluid was cleaned through the SepSORB® filter vessels and discharged overboard, well below the permitted 30ppm. The 2 x standby vessels were not required and were returned to the fleet for the next project.

Our client was able to save significant deck space on the construction vessel as storage tanks for these fluids were not required.

Enabling our customer to treat these fluids at source and discharge overboard lowered the environmental impact of the project and significantly reduced costs, removing the requirement to dispose of these fluids onshore.

Benefits

- Plug & play system with no media handling, safer for platform personnel.
- Water treated at source, reduced transport costs, disposal costs and emissions.
- System can be scaled up to suit client requirements, to handle higher flow rates with OIW levels in excess of 1000ppm successfully treated.
- Easy to access sample points located on the inlet and outlet of the SepSORB® Filter Vessel.
- The SepSORB® Filter Media can also be recycled for use in other industries, subject to certain contamination limits, resulting in zero waste for landfill.

BRITISH SAFETY COUNCIL Member

Achilles FPAL REGISTERED

ISO 9001
ISO 14001
VCA*
BUREAU VERITAS Certification

CERTIFIED ISO 9001 · ISO 14001 — UKAS MANAGEMENT SYSTEMS 001

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