

Hydrocarbon blanketing system for FPSO vessels

Volatile Organic Compounds Reduction

Hydrocarbon blanketing system for FPSO's

Inert gas used as blanket gas, may contain as much as 90% of VOC (Volatile Organic Compounds) at the end of a loading period. These emissions represent both an environmental damage and an economical loss.

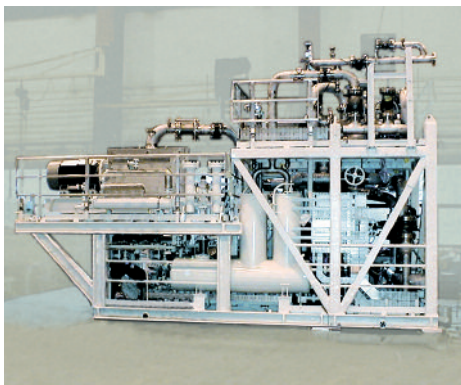
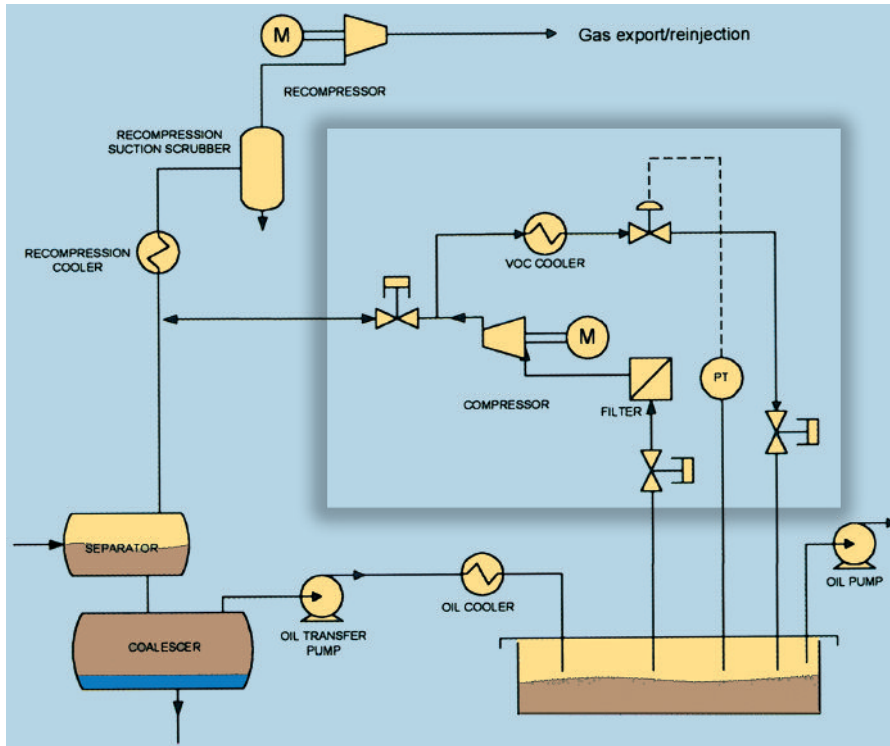
the production process into the storage tanks. During normal oil production, the hydrocarbon gas is recovered in the production process. This means zero emission and 100% VOC recovery.

By introducing hydrocarbon blanketing, the VOC emission can be eliminated. During unloading, HC gas is taken from

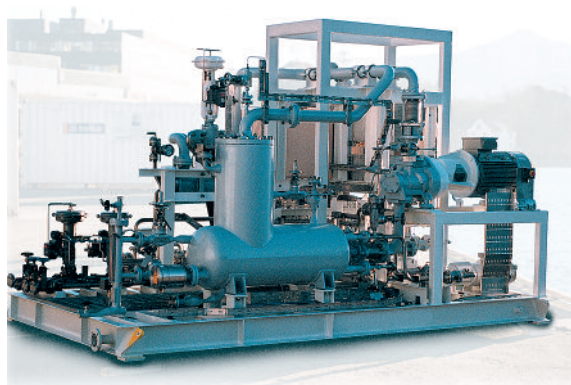
Both oil and gas export will increase due to reduced evaporation of oil, and recovery of VOC. Other benefits are

elimination of formation of hydrocarbons clouds during calm weather, redundancy of the blanket gas system and reduced corrosion problems caused by the inert gas generator system.

By combining HC blanketing with vapour recovery and flare gas recovery, a substantial reduction in emission can be achieved. Hamworthy T&P has experience in both these areas and can do the engineering and supply the necessary equipment.



NORNE HC BLANKET GAS SKID



TROLL C COMPRESSOR SKID

Hamworthy T&P performs feasibility studies and process simulations to assist in the selection of the optimal solution for a given application. The company offers engineering services for integration into existing process systems

Hamworthy Technology & Products is a product supplier for the oil & gas industry's with focus on increased production with minimum effect on the environment. Hamworthy T&P aims to be a leader in the development of environmentally friendly technology

Hamworthy T&P is a Norwegian supplier of equipment and systems to oil and gas installations worldwide and are specialized on oil, water and gas processing. Our technology focus on the separation of oil and water as well as gas recovery, gas conditioning and gas conversion. Our main technologies are patented, such as our technology for electrostatic coalescence (VIEC), zero continuous flaring on oil- and gas production plants and zero emission technology for floating production units.

Hamworthy Technology & Products AS

Visit adress: Sandslihaugen 1, 5254 Bergen, Norway
 Postal adress: PO. Box 144, 1371 Asker, Norway
 Tel: +47 815 48 500, Fax: +47 61 13 96 01/02,
 E-mail: htp.sales@hamworthy.com, Internet: www.hamworthy.com

