



## ENGINEERING SERVICES – FPSO COMPRESSORS

Tech Transfer has been involved in the design and analysis of reciprocating compressor installations on more than 20 FPSOs. For the last 15 years, we have completed the design and analysis for the largest reciprocating compressors installed on FPSOs.

We have the ability to accurately perform the following for any structural module or deck installation: stress analysis for lift, transportation, operation and storm conditions, ship's hull stiffness, natural frequency analysis, vibration with simulation of compressor operation, and fatigue.

Tech Transfer's compressor module designs have provided the FPSO industry with successful and reliable applications of reciprocating compressors for Gas Lift, Fuel Booster and Flash Gas services. These designs have been developed to solve past field problems on FPSOs, which are unique to this application. When Tech Transfer performs a reciprocating compressor module design and analysis, major pulsation and vibration problems are eliminated, which results in safe, reliable operation.

