

ROTATING EQUIPMENT SPECIALISTS

OSL can bring together a powerful team with extensive experience in the specification, purchase, installation and commissioning of all types of Rotating Equipment. Our Engineers have experience in:

- Preparation of all enquiry documents, including specifications and data sheets for machinery in the gas, oil, petrochemical and power generation industries. Equipment includes:-
 - Gas turbine and electric motor driven centrifugal compressors
 - Electric motor and engine driven reciprocating compressors
 - Gas turbine and electric motor driven water injection pumps
 - Gas and steam driven turbine generators
 - LPG and oil pumps for process and export duties
 - Process and service pumps
 - Lube and seal systems associated with the above
- Working with all international and major client codes and standards, including:-
 - API; BS; EN; ISO; DEP's; ETP's; EPS's
 - Requirements for PED and ATEX
- Carrying out bid assessments, conducting vendor clarification meetings and preparing recommendations for purchase and preparation of purchase documentation.
- Preparation and approval of test documentation; carrying out witness tests and inspections.
- On site supervision of installation and commissioning
- Preparation and supervision of onsite performance tests and trouble shooting
- Conducting onsite operations and maintenance training
- Preparing maintenance programs.



Some recent projects include:

- Specification and preparation of bid documentation for three 190 barg, 450,000 nm³/hr gas compression systems.
- Project management for a Compression System Rewheel. This involved the installation of a higher powered gas turbine together with Parallel Eductor Systems to allow offshore wells to operate at much lower suction pressures.
- Feasibility study for a new Offshore Compression System, including fully costed options of modification to existing platforms. The study also looked at a new Bridge Linked Compression platform and the provision of a Self Installing Platform
- Compression System Rewheel to accept lower arrival pressures
- Upgraded gas turbines for low NO_x Operation.