
Gas Field Policy 14: FPSO

FPSO
(Floating Production Storage Off-Loading)

The following criteria must be considered before a Siemens Energy compressor can be offered for an FPSO application:

1. Frames must be dry-sump compatible.
2. Opposing throws must be balanced within 1.0 lb. or less.
3. Offshore platforms may fall under similar criteria.
4. Ensure all specifications pertaining to the specific project have been reviewed for scope compliance and noncompliance.
5. Special documentation requirements are usually as follows:
 - a. EC Compliance/Certification
 - b. NR13
 - c. ASME U1A Reports for Filters and Coolers
 - d. Comments/Exceptions to API 618 and ISO 13631 (See GFP 22 and 24, respectively)
 - e. Numerous QA/QC
 - MTR's
 - Inspection Reports
 - Hydrostatic Test Charts
6. Additional scope may apply:
 - a. SS and/or Coated Fasteners
 - b. Paint requirements that entail numerous coats and surface preparation that may include blasting and masking
 - c. ABS (or equivalent) Certification may be required.
7. If the crankshaft driven frame oil pump is supplied, the "lift" between the pump suction and oil sump feed shall not exceed 6 ft.
8. Reseller supplied piping between the oil sump and the oil pump suction connection on the frame must be clean and free from pipe scale. Stainless steel piping is recommended along with an 1/8" square welded wire screen to prevent debris from entering the frame oil pump.