JOB TITLE	Senior Design Draughtsperson
LOCATION	Aberdeen
EMPLOYMENT	Permanent
REPORTS TO	Engineering Manager

DESCRIPTION OF FUNCTION

The Senior Design Draughtsperson shall perform conceptual and detail engineering design and draughting based on instructions received from the Engineering department, project team and BD/tendering team.

They shall be able to take conceptual design and fully detail to manufacture level drawings.

They shall respect the design rules and procedures in force within the Company, Client and industry norm. They shall propose designs which must be feasible to manufacture in an efficient manner, safe and in accordance with customer requirements.

They shall be able to present their design concisely in meetings or electronically. They shall be able to efficiently communicate their design concept to Engineering and other personnel to optimise the design and manufacture process.

They shall be able to efficiently create a concept to achieve client requirements and provide GA and component level images/sketches to BD team to allow tendering process.

External Interfaces:

Customers, Subcontractors, Suppliers.

Internal Interfaces:

Senior Management / Tendering Team / Project Managers / Project Teams / Engineering & Design Dept

JOB RESPONSIBILITIES & DUTIES

To perform all design and draughting work related to all existing and future Company product lines:

- Provide conceptual design.
- Production of proposal and sales sketches, images and drawings.
- Provide detailed design, including dimensional tolerancing.
- Produce 2d and 3d drawings, schematics, sketches and layouts.
- Production of assembly and component drawings for manufacturing.
- Production of parts lists for assembly and sales drawings.
- Perform checking/approving of other designers work as required.
- Liaising with design engineers, designers and draughting checkers with respect to all drawings.
- Control parts lists, create parts.
- Assist Project Team in developing installation procedures.
- To support the project teams and tendering teams as required.

- Contribute to IP development.
- Implement engineering designs in compliance with Health & Safety Legislation.
- Ensure that project and company quality procedures together with business management systems are implemented at all times.
- Ensure that all relevant documentation is produced in compliance with legislation, codes and standards and client requirements.
- Ensure that design documents produced in-house are technically correct clear / understandable.
- Provide relevant technical information when required for the delivery of design and/or construction.
- Technically review designs produced by other members of the design team, for correctness, compliance with all standards, completeness and manufacturability and instigate changes and improvements using relevant document control procedures.
- Upkeep and housekeeping of server files and folders as appropriate.
- Participate when required in departmental improvement projects, highlight areas for improvement.
- Participate in design reviews and Project kick off meetings.
- Ensure Health & Safety procedures are adhered to at all times, actively promote good HSE practices.
- Assist less experienced Designers.
- Ad-hoc duties as required.

CAPABILITY PROFILE; KNOWLEDGE, SKILLS AND EXPERIENCE

- Good working knowledge of Autocad Inventor 2d and 3d packages.
- Preferably have some working knowledge of alternative drawings package such as Solidworks.
- Ability to liaise with multi discipline project teams.
- Adhere to strict deadlines and deliver a high level of accuracy.
- Self-motivator.
- Excellent organisational and housekeeping skills.
- Ability to work in a multi-cultural environment.
- Flexibility and adaptability within role to meet the demands of a changing project and organisational needs.
- Have an excellent understanding on design codes used in the manufacture of Subsea oil and gas related equipment.
- Understand and apply the principles of pressure vessel design.
- Understand and apply the principles of pipework design.
- Awareness of the properties of mechanical engineering materials including limitations, alternatives, reasons for selection, the effects of their interaction and the appropriate tests that can be carried out to ensure specification compliance.