

## **P&ID Engineer**

### **Summary**

Works on a broad variety of tasks in the field of Mechanical Engineering. Draws the ship systems based upon Piping Flow Diagrams, ship specifications, classification rules and internal standards. Calculates and determines sizes of piping and draws a detailed P&ID of the system, mainly during the basic engineering phase. Provides the basis for the routing of the piping in the 3D ship model. Remains available for support of these activities during design, construction and commissioning of the ship. Works, during the execution of the project, in a team of several engineers.

### **Tasks & Responsibilities**

- Designs ship systems for maritime projects based on Piping Flow Diagrams, ship-specification, (class) rules and regulations.
- Executes calculations on sizes of piping.
- Carries out in detail technical discussions and with other colleagues.
- Draws P&ID's representing the systems in Microstation or AutoCAD.
- Defines required piping components and registers each component into PDM-system (Team-Center).
- Checks suppliers information to ensure correct interfaces in close cooperation with technical specification department.

### **Profile**

- Professional education on Bachelor level or equal based on experience.
- Knowledge of piping systems, preferably in ships, offshore or industrial installations.
- Working knowledge of CAD software preferably Microstation or AutoCAD/Cadmatic.
- Preferably familiar with Class-regulated products.
- Preferable knowledge of Good Engineering Practices, including quality and budget awareness.
- Experienced to work in a multi-disciplinary environment.
- Experience of working in a 3D environment (e.g. Cadmatic) is an advantage.
- Good command of the Dutch & English language (written & verbal).
- Organized and accurate way of working.