Integration Engineer Propulsion Systems

For one of our customers we are in search for a **Integration Engineer Propulsion Systems**.

Job description

As an Integration Engineer for Propulsion Systems, your primary responsibility will be to design and integrate propulsion systems into our naval projects throughout the engineering phase. You will have the opportunity to be involved from the proposal stage, contributing to the definition and selection of viable propulsion configurations and components.

In this role, you will collaborate closely with the Purchasing department to procure propulsion components during the Basic Engineering phase. You will also ensure that these components are effectively integrated with the vessel's platform. During the Detailed Engineering phase, you will take part in Factory Acceptance Tests (FAT) and develop installation and alignment procedures for the propulsion components. Additionally, you will provide production support during installation, as well as during Sea Trial Verification (STW), Harbour Acceptance Testing (HAT), and Sea Acceptance Testing (SAT).

Key Responsibilities
As an Integration Engineer for Propulsion Systems, your main tasks will involve:

- ✔ Developing functional technical specifications for suppliers and subcontractors based on customer and design requirements.
- ✔ Conducting technical evaluations of supplier quotations in collaboration with the purchasing team.
- ✔ Ensuring full compliance with all relevant requirements set by customers and regulatory bodies while engaging in technical discussions with competing suppliers.
- ✔ Acquiring and reviewing engineering information and documentation from suppliers, including mechanical drawings, schematics, calculations, and electrical diagrams.
- ✔ Overseeing the integration of delivered components and systems into the ship design, while coordinating with internal departments, suppliers, regulatory bodies, and owners.
- ✔ Creating technical and functional specification documents, including system descriptions, installation and alignment procedures, as well as HAT and SAT procedures.
- ✔ Validating the technical performance of products and systems through dynamic simulations, equipment inspections at supplier locations, FATs, and during onboard installation.
- ✔ Contributing to the ongoing development of the engineering department.

Your qualifications

To succeed as an Integration Engineer for Propulsion Systems, you should have the following qualifications and attributes:

- ✔ A Bachelor’s degree in engineering or equivalent work experience.
- ✔ Experience and knowledge in propulsion systems, particularly within naval shipbuilding, offshore, or commercial shipbuilding sectors.

- ✔ Proficiency in English, with Dutch language skills being a plus, both spoken and written.
- ✔ Competencies in customer focus, quality and results orientation, teamwork, adaptability, planning and organization, management control, decisiveness, and initiative.
- ✔ Strong references are essential, as a pre-employment security screening is a standard part of our recruitment process.

Important:
Candidates must possess permanent EU citizenship and a valid passport. Those with only an NL/EU work visa or holding both EU and non-EU citizenship/passports are not eligible due to the military nature of our projects.

What we offer

Contributing to challenging shipbuilding projects.

What do we **Offer**.

Reference: 3261
Projectphase: Engineering
Discipline: Marine, Mechanical, Naval Architecture, Propulsion
Position: Engineer
Function level: Senior, Junior
Region: (NL) Zuid-Holland
Education: Bachelor
Experience: 0-3 years, 3-8 years, 8-15 years
Type of contract: Intentional
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