

## PERSON SPECIFICATION

This Person Specification should be completed alongside the Role Description (HR-P01-004) when recruiting. It is used to identify and record the necessary experience and skills that will be looked for in candidates before a job advert is created.




<b>Role Title</b>	Project Engineer / Senior Project Engineer
<b>Accountability Seat</b>	Project Engineer / Senior Project Engineer
<b>Accountable To</b>	Senior Project Manager / Engineering Manager/Director

	Essential	Desirable
<b>Qualifications</b>	<ul style="list-style-type: none"> <li>Bachelor's / Master's degree in either Naval Architecture or Marine/Ocean Engineering especially marine related discipline or significant demonstrable industry experience.</li> </ul>	<ul style="list-style-type: none"> <li>UK Chartered Engineer with a relevant institution (e.g. ICE, IMechE, IStructE, IET, RNIA).</li> </ul>
<b>Experience</b>	<ul style="list-style-type: none"> <li>At least 8-10 years' experience engineering and managing critical Load-out/in Marine Operations using barges</li> <li>Managing marine based projects</li> <li>Site experience including personnel management on site (e.g. managing ballast systems during load-out/in)</li> <li>Relevant experience in heavy lift transport, shipping or lifting markets</li> <li>Proven experience of acting as a technical focal point</li> <li>Proven experience of developing and delivering engineering solutions in the heavy lift industry.</li> </ul>	<ul style="list-style-type: none"> <li>Experience using other types of heavy lift equipment such as; <ul style="list-style-type: none"> <li>Crawler/Mobile cranes</li> <li>Hydraulic installations equipment</li> <li>Modular conventional transport</li> </ul> </li> <li>Experience with structural steel design to EC3</li> <li>Experience with temporary works standard (BS5975).</li> </ul>
<b>Knowledge</b>	<ul style="list-style-type: none"> <li>Core Naval Architecture concepts</li> <li>Vessel stability</li> <li>Vessel mooring analysis, quasi-static &amp; dynamic.</li> <li>Hydrodynamic analysis and application in heavy lift industry</li> <li>Structural design</li> <li>Project management methods</li> <li>Report writing</li> <li>Knowledge and experience of technical codes and standards.</li> </ul>	<ul style="list-style-type: none"> <li>Understanding of subsea oil and gas projects, their infrastructure and life cycle</li> <li>Good understanding of the offshore oil and gas and offshore renewable industries</li> <li>Good understanding of defence sector works and other safety critical environments (e.g. Nuclear).</li> </ul>
<b>Skills</b>	<ul style="list-style-type: none"> <li>Strong and demonstrable engineering skills (seakeeping, mooring analysis &amp; installations, sea-fastening, structural design).</li> <li>Able to perform hand calculations and checks on design from first</li> </ul>	<ul style="list-style-type: none"> <li>MathCAD</li> <li>Clear understanding of the relevant equipment and its use</li> <li>Proficient in use of Ansys Workbench OR other FEA software.</li> </ul>



	Essential	Desirable
	<p>principles before the use of FEA software</p> <ul style="list-style-type: none"> <li>• Project Engineering</li> <li>• AutoCAD</li> <li>• Intermediate Excel / Word / PowerPoint / Outlook</li> <li>• Excellent level of English, both verbal and written</li> <li>• Ability to successfully manage relationships internally and externally at all levels.</li> </ul>	
<b>Behaviours/ Attributes</b>	<ul style="list-style-type: none"> <li>• Flexibility and willing to travel (the role is based in the Portishead office, where the engineering department is situated) The nature of the work will see you spending sometime onsite, offshore, client meetings and other Osprey offices</li> <li>• High level of self-motivation and self-management ability</li> <li>• Must be able to work as part of a team</li> <li>• Able to learn new techniques and procedures</li> <li>• Able to solve ad-hoc problems quickly with clearly defined solutions</li> <li>• Quality and detail focus, right first-time approach</li> <li>• Clear concise communicator – written and verbal</li> <li>• Effective planner</li> <li>• Proactive</li> <li>• Current and valid driving licence</li> <li>• Current and valid passport, no restrictions.</li> </ul>	

#### Working Conditions

-  UK driving licence
-  Right to work in the UK
-  Potential travel around UK and Europe

#### Values and Attitude:

Employees of Osprey are expected to support delivery of the organisation's mission, vision and values as part of their day-to-day work.

In return, you will be supported by your line manager through supervision and support, listening, training and development, and the best resources that we are able to provide to help you give your best.

