

# Job Description for Recruitment



<b>JOB TITLE</b>	<b>SENIOR COMPLETIONS ENGINEER</b>	
<b>TEAM</b>	Drilling & Completions	
<b>LOCATION</b>	Aberdeen	
<b>SUMMARY OF JOB ROLE</b>	<ul style="list-style-type: none"> <li>The Senior Completions Engineer’s role is to design, plan and deliver value adding completion designs, cost estimates, and programmes using RDS corporate policy and guidelines, any client specific procedures or requirements, and industry best practices.</li> <li>The Senior Completion Engineer will also where required supervise the completion installation or workover operations and will lead or assist in the post-well reviews.</li> <li>The Senior Completions Engineer will additionally be expected to show safety leadership qualities in all areas of the operation.</li> </ul>	
<b>REPORTING RELATIONSHIPS</b>	This position reports to:	Drilling and Completions Team Leader
	Post(s) report to this position:	None internally, but the majority of third parties relating to completions and well interventions will generally report through the completion engineer.

<b>RESPONSIBILITIES &amp; DUTIES</b>	<b>DESCRIPTION</b>
<b>Engineering and Design</b>	<ul style="list-style-type: none"> <li>Design of completions for clients utilizing the latest technology and applying sound engineering practices and risk assessment.</li> <li>Design well completions which are mechanically and operationally fit for purpose for the production life of the well using corporate policy and guidelines, industry best practices and in conformance with UK legislation.</li> <li>Integration / liaison with other disciplines such as subsurface, production technology, production chemistry and drilling teams to deliver the completed well.</li> <li>Conduct tubing stress analysis (working stress design) and lift curve modelling to optimise the completion design and post completion production / injection performance, including multi-string and annulus fluid expansion.</li> <li>Selection of metallic and non-metallic completion materials to suit the well conditions.</li> </ul>
<b>Engineering and Design Continued</b>	<ul style="list-style-type: none"> <li>Choose the optimum completion equipment, perforating methods, fluids requirements, etc. Take into account equipment reliability, risk and cost in making the choices.</li> <li>Identify opportunities to continuously improve performance and apply new technologies, where technically appropriate and the economic and operational risks are understood.</li> </ul>



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<b>People</b>	<ul style="list-style-type: none"> <li>• Ensure sufficient challenge is made to all aspects of the well design and construction so that optimum balance is achieved between CAPEX/OPEX goals and risks to delivery.</li> <li>• Identify opportunities to continuously improve performance and apply new technology, where economic and where the risks are understood.</li> <li>• Ensure high quality information is provided to the client.</li> <li>• Ensure continuous learning processes are being applied from previous wells, RDS helihelps and peer reviews/assists.</li> <li>• Assist in the mentoring, coaching and development of less experienced engineers.</li> <li>• Active participation in the delivery of team objectives and assist with the creation and promotion of a culture of openness, involvement and participation.</li> <li>• Liaison with other disciplines to actively promote cross discipline work.</li> </ul>
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**The above list of duties are not intended to be exhaustive but details the major tasks of the role**

<b>HSE&amp;Q RESPONSIBILITIES</b>	<ul style="list-style-type: none"> <li>• Set good personal examples on HSE issues within your own areas of influence and operation.</li> <li>• Co-operate with RDS management in promoting, developing and maintaining a safe place of work and safe working practices and in meeting statutory health and safety requirements.</li> <li>• Ensuring adequate management of change, and risk assessment is applied to all aspects of well delivery, including policy dispensations.</li> <li>• Ensure all designs meet with RDS standards and policy, design codes and current legislation.</li> <li>• Be aware of the hazards in the work environment and report (or make safe if possible) any work methods, plant, equipment or conditions in their work area which they consider to be hazardous and submit suggestions to improve or remedy the situation.</li> <li>• Take reasonable care of themselves and others who may be affected by their actions.</li> <li>• Ensure the client always receives top quality reports.</li> <li>• Follow the RDS Business Management System to ensure quality.</li> <li>• Ensure that lessons learned are captured and reviewed at the start of each project.</li> </ul>
<b>KEY INTERNAL INTERFACES</b>	<ul style="list-style-type: none"> <li>• Interface with internal HSE representative.</li> <li>• Interface with the Team Leader as a direct supervisor.</li> <li>• Interface with Drilling &amp; Completion Manager as line manager in this discipline.</li> <li>• Interface with other engineers in the Drilling &amp; Completion department.</li> <li>• Interface with other technical staff in the pursuit of combined projects and knowledge transfer.</li> <li>• Interface with Technical Support to gain their assistance.</li> </ul>

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<b>CAPABILITY / COMPETENCE REQUIREMENTS</b>	
<p>The capability/competence standards detailed within this Job Profile indicate the minimum entry standards expected at recruitment and also desirable standards that would be expected of an individual who has achieved full capability / competence</p>	
<b>Qualifications</b>	
<b>ESSENTIAL</b>	<b>BSc (Eng.) or equivalent qualification</b>
<b>DESIRABLE</b>	<b>Relevant Professional qualifications</b>
<b>Personal Qualities</b>	
<b>ESSENTIAL</b>	<ul style="list-style-type: none"> <li>- Excellent analytical skills</li> <li>- Good communication skills especially in both spoken and written English.</li> <li>- Sound judgement</li> <li>- Accountability</li> <li>- Real team player with excellent co-ordinating and planning skills.</li> <li>- Capable of handling multiple tasks simultaneously</li> <li>- Ability to work largely unsupervised.</li> </ul>
<b>APPROVAL</b>	
<b>Approving Line Management : Mark Cullen</b>	<b>Agreed by Post Holder : N/A</b>