

POSITION DESCRIPTION

1. THE POSITION	
Position	C&I Design Engineer
Division	Maintenance & Engineering
Position Summary	The Control and Instrumentation Design Engineer is responsible for the design, planning and implementation of Control and Instrumentation projects, in line with company policies and procedures, appropriate legislation, and relevant codes of practice to ensure the highest level of safety and environmental compliance.
Organisational Structure	This position reports to the C&I Project Engineer
Key Accountabilities	<ul style="list-style-type: none"> • Ensure full implementation of HSSE policies associated with the role, establishing a working environment that gives a sense of leadership and ownership regarding HSSE performance in a project environment. • Be responsible for the design and implementation of Capital and Operational projects under the direction of the C&I Engineer • Provide pre-project investigation and development of conceptual design, prior to entering the conventional engineering, procurement, and construction phases. • Oversee, or carry out, the design activity, adhering to best practice in terms of design reviews, Safety Reviews, Risk Assessments, Constructability Reviews, SIL Assessments etc. • Ensure all ATEX standards are followed for the installation of equipment into explosive atmospheres as defined within IEC 60079-14 • Develop a continuous improvement strategy for Control and Instrumentation systems across the terminal and implement continuous improvement projects, undertaking Project Management responsibility when required, in line with the Management of Change process. • Ensure all documentation through the project life cycle is completed and updated in conjunction with the Management of Change process and document control procedures. • Undertake the role of the “Responsible Person” as defined and required in all elements of the Dragon LNG Management of Change process. • Manage the procurement process, including representing Dragon LNG at any inspection visits or Factory Acceptance Tests. • Provide the full range of project services including planning, estimating and cost control. • Define, monitor, and control the project schedule in line with the agreed project program. • Manage site construction activities for allocated projects, either utilising in-house or contracted resources.

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	<ul style="list-style-type: none"> • Act as the interface between Operations and construction teams during all project activities including SIMOPS, construction planning, execution, and commissioning. • Where applicable, to contribute in maintaining and complying with the requirements of the designated Safety Instrumented Systems. • Contribute as required to the plant reliability program for the Terminal
Change Authority	<ul style="list-style-type: none"> • Every individual has a duty to both themselves and those around them to ensure that safe practices are always adhered to. • The Management of Change Process is paramount in the work of Project Engineers. The C&I Design Engineer will lead and manage this process in assigned projects, usually fulfilling the role of “Responsible Person” as defined in the MOC Procedure.
Authority / Influence over Resources	<ul style="list-style-type: none"> • The job holder will be required to obtain necessary approvals from the C&I Engineer. • For the assigned projects the C&I Design Engineer will be responsible for estimating, obtaining approvals, and managing within the approved budgets.
Internal / External Interaction	<ul style="list-style-type: none"> • Works with all internal departments within Dragon LNG. • Interacts with external parties including contractors, subcontractors, and vendors.
2. PERSON SPECIFICATION	
Experience	<ul style="list-style-type: none"> • Control and management of C&I Engineering projects within the LNG, or Oil & Gas industry, ideally on a top tier COMAH facility • Planning, managing, and directing contract staff to ensure projects are implemented to plan and budget. • Troubleshooting in a Process Plant environment (ideally LNG) and developing technical solutions to safety, reliability, or commercial problems. • Experience in the preparation and implementation of design, construction, and material supply contracts from conception through to completion. • Commissioning of new or modified Control and Instrumentation equipment and/or systems. • Experience in the requirements of IEC 60079 to define and manage the installation design, selection and erection of Electrical equipment in explosive atmospheres. • Experience in the requirements of IEC 61508 and IEC 61511 to define and manage Safety Instrumented Systems throughout their life cycles.

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<p>Knowledge, Skills, Attributes and Qualifications</p>	<ul style="list-style-type: none"> • Educated to degree level; consideration of minimum of HNC / HND in an appropriate discipline with extensive supporting experience • Chartered Engineer status or working towards chartership would be an advantage • Extensive Control & Instrumentation, or process experience associated with process plant projects and modifications • Project management skills including scope of work definition and execution. • Knowledge of working with a gated system for project control • Up to date knowledge of CDM regulations an advantage • Understanding of the Health and Safety, Environmental and Quality standards that are applied with a top tier COMAH installation • High level of proficiency in Microsoft Office including, but not limited to: Word, Access, Outlook, PowerPoint and Excel. • Results orientated, with a commitment to quality and timely delivery. • Ability to motivate a team or work independently. • Good written and verbal communications skills • Knowledge and experience in Planning tools such as Prince2, Primavera or Microsoft project an advantage but not essential • Good understanding of the cultural and business issues from associated with a business operating in Wales and with a mix of international shareholders.
<p>Special Features</p>	<ul style="list-style-type: none"> • Occasional visits to vendors, suppliers, and contractors

As a DLNG employee you are required to comply with all DLNG policies and procedures