

POSITION DESCRIPTION

1. THE POSITION	
Position	C&I Control Engineer
Division	Maintenance & Engineering
Position Summary	The C&I Control Engineer is responsible for the safe and reliable operation of the LNG terminal's Integrated Control System (ICS), 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 Systems 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 Control System environment. • Maintain the safe and reliable operation of the Emerson DeltaV Integrated Control System (ICS) on the LNG terminal facility, including the Reliquifaction Plant. • Maintain the safe and reliable operation of the Terminals Emergency Shutdown (ESD) and Fire & Gas (F&G) systems, incorporated within the Emerson DeltaV Safety Instrumented System. • Maintain the safe and reliable operation of PLC systems across the Terminal, including equipment supplied by Allen Bradley, Siemens, and Schneider Electric. • Maintain the safe and reliable operation of the Emerson Gas Quality and Fiscal Metering Control Systems in compliance with company policies and procedures, appropriate legislation, and relevant codes of practice. • Implement and strengthen the companies Cyber Security strategy in-line with company policies and procedures, appropriate legislation, and relevant codes of practice to ensure the highest level of regulatory compliance. • Define and implement Preventative and Corrective Maintenance strategies on the DeltaV Process Control System (PCS), DeltaV Safety Instrumented System (SIS) and general control systems site wide. • Assist in mitigating the terminal's vulnerability to control system failures which could prevent the contractual daily throughput nomination being met. This will include troubleshooting and reliability data collection and analysis. • Develop a continuous improvement strategy for Control Systems across the terminal and implement continuous improvement projects, undertaking Project Management responsibility when required, in line with DLNG's Management of Change process. • Implement the companies Alarm Management strategy in-line with current EMMUA 191 guidelines. • Develop and maintain the OSIsoft PI real time data historian system to ensure reliable operation to all users.

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	<ul style="list-style-type: none"> • Co-ordinate maintenance activities with the Operations Shift teams, specialist vendors and contractors • Provide guidance, instruction, and direction on Control System equipment to Maintenance Technicians and Contractors ensuring that all Health, Safety and Environmental requirements are met. • Attends all training courses as required to perform maintenance and safety related activities. This role may include training of technicians or contract staff. • Contribute to the technical development and implementation of relevant learning and development programmes.
Change Authority	<ul style="list-style-type: none"> • Makes contributions to improve the effectiveness and accuracy of Control and System policies and procedures. • The Management of Change Process is paramount in the work of Control Engineers. The Control 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 position has no supervisory responsibilities over personnel and contractors. • The job holder will be required to obtain necessary approvals from the C&I Engineer and Systems Engineer • For the assigned projects the Control Engineer will be responsible for estimating, obtaining approvals, and managing within the approved budgets.
Internal / External Interaction	<ul style="list-style-type: none"> • Engages with peers to share knowledge and ensure that best practice is applied to solving problems • Externally interacts with OEM’s to troubleshoot existing systems and define and implement new projects and upgrades.
2. PERSON SPECIFICATION	
Experience	<ul style="list-style-type: none"> • Extensive experience in the installation, commissioning, and maintenance of Emerson DeltaV control systems. • Extensive experience associated with the design, installation, and commissioning of small to medium sized control system projects within the Energy sector. • Relevant experience in the installation, commissioning and maintenance of Allen Bradley, Siemens, and Schneider PLC systems and in the Energy Sector. • Relevant IT experience in maintaining Process Control Equipment, to include database management. • Demonstrable experience in Process control and safety related systems for hazardous areas.

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Knowledge, Skills, Attributes and Qualifications	<ul style="list-style-type: none"> • Educated to degree level; consideration of minimum of HNC / HND in an appropriate discipline with extensive supporting experience • 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.
Special Features	<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