

Project Engineer

Generic title	Manager – 2
General Description	<p>A colleague at this level will take responsibility for delivering specific tasks, goals and objectives. They will work under direction but will be able to work without day to day support. They are expected to work proactively and deliver defined tasks to an industry standard.</p> <p>They will manage their own tasks within the context of a project or company objective. Whilst they will take day to day decisions on their own, they will refer significant decisions. They are accountable for the performance of a small team.</p> <p>In operations they will manage small or medium projects and site. They supervise larger teams of trades or co-ordinate significant functions on a larger project.</p> <p>In commercial they will manage costs and quantities on small projects or as part of a team on a larger project.</p>

Competencies

Achieving Results	<p>Sets clear and appropriate goals that consider the bigger picture</p> <p>Drives well to achieve consistent results</p> <p>Deliver a quality performance consistently</p>
Analytical thinking and decision making	<p>Rational and systematic analysis of situation to enable decisions on more varied issues</p> <p>Questioning the evidence to evaluate issues</p>
Communication	<p>Communicates positively with clarity and understanding</p> <p>Presents information in a structured way</p> <p>Demonstrates confidence when communicating in own subject</p>
Dealing with change	<p>Positive attitude to change when presented</p> <p>Contributes to change in own area of work</p>
Teamwork	<p>Contribute to the overall team objectives</p> <p>Understand how to be part of a team</p> <p>Regularly cooperate with team members</p>
Leadership	<p>Ability to take control of situations with one's sphere of influence</p> <p>Assume responsibility – organising and guiding where necessary</p>
Managing resources	<p>Create a plan for a familiar project or process</p> <p>Interpret a plan and decide what resources are required</p> <p>Bring resources together and ensure they are efficiently deployed</p> <p>Able to call upon and manage diverse skills and methods to deliver results</p>
Negotiation	<p>Understand the others point of view</p> <p>Make an objective and structure case with pros and cons</p> <p>Understand the need to give and take</p> <p>Understand and defend a position</p>
People Development	<p>Can respond well within tested frameworks of development to identify own needs</p> <p>Use personal experience to build own skills</p>

Role definition

Summary of role	Responsible and accountable for the design development, procurement, installation, testing and commissioning, and documentation of the mechanical element of a project or projects, and provide proactive input into overall programme and commercial activities.
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Responsibilities and accountabilities	<p>Review and challenge mechanical designs for build-ability and cost effectiveness</p> <p>Be responsible for mechanical materials and subcontract procurement and control of mechanical subcontractors on site, within budget, to the highest quality and safety standards and to the satisfaction of the customer</p> <p>Undertake the commissioning of plant, equipment and processes, and optimise operating in line with agreed performance parameters</p> <p>Be responsible for the completion of the mechanical scope of works and documentation to obtain Perfect Delivery</p> <p>Provide technical support and advice to design teams in assessing existing process plant and equipment and build-ability of proposed solutions</p> <p>Lead technical, commercial and site management support to procurement teams in quotation evaluation and pre-contract award processes for mechanical deliverables</p> <p>Expedite subcontractor designs, off-site works, testing and delivery to ensure compliance of quality, budget and programme milestones defined in the subcontract</p> <p>Ensure all staff and subcontractors promote a safety and environmental conscious culture</p> <p>Assist in reviewing and implementing safe systems of work for mechanical and electrical site activities, including risk assessments and method statements and impact / contingency plans</p> <p>Responsible for the implementation, monitoring and reporting of the mechanical installation programme and activities</p> <p>Participate in and contribute to Hazop and Hazcom processes</p> <p>Manage and produce commissioning and O&M documentation</p> <p>Coordinate, control and undertake mechanical and electrical testing and commissioning activities, supervising testing and commissioning subcontractors where engaged</p> <p>Coordinate, control and undertake mechanical and electrical routine maintenance and process operation, supervising maintenance subcontractors where engaged</p> <p>Manage defects and corrective actions</p> <p>Provide information and advice for asset management of mechanical and electrical equipment</p> <p>Proactively develop and manage customer relationships to ensure full satisfaction</p> <p>Ensure the achievement of customer performance targets and Perfect Delivery</p>
Qualifications, training and technical knowledge	<p>BTEC HNC in mechanical engineering (or equivalent)</p> <p>CITB Site Managers Safety Training Scheme</p> <p>CSCS Site Supervisor – Gold Card</p>
Attributes and skills	<p>Proficient in materials and subcontract letting and subcontract management</p> <p>Proficient in managing site construction and installation</p> <p>Proficient in the installation, inspection, testing and fault finding of:</p> <ul style="list-style-type: none"> Anaerobic digestion plant and equipment Steam boilerhouses and associated plant and equipment Thermal hydrolysis plant and equipment Heat exchangers Combined heat and power plant and equipment <p>Competent and confident IT skills for using databases, word-processing, spreadsheets, planning tools, email, internet, etc</p> <p>Excellent organisational, planning and time management skills; able to manage multiple projects simultaneously without compromising on standards and quality</p> <p>Ability to work within a major projects environment, possessing the organisational skills required to do so to demanding deadlines</p> <p>Ability to develop friendly and professional customer focused relations with others.</p> <p>Excellent communications skills, with the ability to simplify complex concepts both orally and in written form</p> <p>Proficient knowledge of health and safety and environmental legislation</p> <p>Knowledge of construction contracts and procedures</p>

ROLE DEFINITION

	<p>Ability to work in a team environment contributing across a project, site or area</p> <p>Good management skills, with the ability to motivate self and colleagues to perform</p> <p>Good planning and time management skills; able to manage activities simultaneously within compromising on standards and quality</p> <p>Ability to ensure standards and specifications are met</p> <p>Ability to work with colleagues to contribute to project and operational performance</p> <p>Sound knowledge of construction practises and standards</p> <p>Specialist knowledge in chosen field</p>
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