

Job Title:	Mechanical & Instrumentation Technician
Location:	Teesside Branch (Primary location), UK & Overseas
Responsible To:	Technical Services Supervisor.
Direct Reports:	SBT Technicians – Hose Technicians – Test Technicians
Review Date & Rev No	November 2025

Purpose of Job:	The Lead Mechanical & Instrumentation Technician is responsible for overseeing the installation, maintenance and repair of mechanical and instrumentation systems across company facilities and projects in the UK. This role ensures all mechanical and instrumentation activities are executed safely, efficiently, and in compliance with relevant standards, procedures, and regulations. The postholder will lead a team of technicians, provide technical expertise, and support continuous improvement in reliability, performance, and safety of plant and equipment.
Key Areas of Responsibility:	• Lead, coordinate, and mentor a team of mechanical and instrumentation technicians. • Plan, allocate, and oversee daily maintenance and project tasks to ensure safe and timely completion. • Provide technical guidance and ensure adherence to company policies, procedures, and safety standards. • Oversee preventative and corrective maintenance of mechanical, pneumatic, hydraulic, and instrumentation systems. • Ensure equipment is operating efficiently, safely, and in line with manufacturer and regulatory specifications. • Lead root cause analysis and implement corrective actions to reduce equipment downtime. • Support installation and commissioning of new mechanical and control systems. • Liaise with project engineers to review designs, drawings, and technical documentation. • Ensure quality assurance and documentation compliance for all new installations. • Promote and enforce a strong health and safety culture across all work activities. • Conduct risk assessments, toolbox talks, and ensure compliance with HSE and company requirements. • Maintain accurate maintenance, calibration, and safety records for audit and reporting purposes.

Qualifications:	<i>Essential</i>	<i>Desirable</i>
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	- NVQ Level 3 In Mechanical OR Instrumentation Engineering. - ECITB – Installing and assembling SBT assemblies. - ECITB – Disassemble and reinstall SBT systems. - ECITB – Assemble and install cone & thread assemblies.	- Diploma in Mechanical OR Instrumentation engineering. - HNC Mechanical OR Instrumentation engineering. - ECITB – Hydrostatic pressure testing of small-bore tubing assemblies. - IOSH Working Safely.
Experience Required:	<i>Essential</i> - Hands on experience in Mechanical / Hydraulic, Pneumatic or Instrumentation service industry. - Competent in Small Bore Tubing installation. - Ability to read and understand Hydraulic and Pneumatic schematics, P&ID's and GA's. - Experience in overhauling and testing of pumps, motors and control valves in the mechanical/ Hydraulic sector. - Hands on experience in fault finding/ trouble shooting, servicing and maintenance of mechanical/ hydraulic and pneumatic systems. - Hands on experience in mechanical bolt torquing and joint integrity. - Good knowledge of hydraulic and instrument fittings and threads forms. - Hydraulic accumulator pre- charging, maintenance and servicing. - Must be computer proficient with knowledge in MS Office. - Comfortable working away from home and being reactive with regards to customer requirements & time scales. - Experience of working in a team (Small or Large) or independently.	<i>Desirable</i> - Experience in working in Oil and Gas, Marine and Petrochemical industries. - Knowledge and experience of working with high pressure gas management systems. - Knowledge of the marine hydraulic systems sector. - Commissioning of mechanical. hydraulic pneumatic equipment. - Hydraulic flushing and pressure testing of piping systems. - Parker product knowledge.
Skills/Training Competences:	<i>Essential</i>	<i>Desirable</i>

	- Language Skills- must be fluent in English. - BFPA Cetop level 2 or Industrial hydraulics/pneumatics certificate course. - Working at height Level 2 PPE.	- Advanced hydraulics training certification. - PSSR training. - Proportional and servo control systems. - IPAF. - Confined Space Training. - SBEX. - Hydrogen Training.
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Please note that you may be requested to undertake other duties from time to time and it is possible that your duties may change over time. You will be expected to co-operate with all reasonable requests. If the changes are deemed to be longer term, then this job description will be revised.

Signature of Job Holder: _____

Date: _____

Name in Capitals ()

Signature of Manager: _____

Date: _____

Name in Capitals ()