

Graeme D. Lockwood

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Summary	Accomplished Engineering Design Team Lead with a background in a variety of design and development projects for Military, Civil and Industrial application.	
Specialities	Gas Turbine, Aero Engine, Turbomachinery, R&D, Design, Instrumentation, CAD, 3D Modelling, Siemens NX, Catia, Aerospace, Oil & Gas, GD&T, DFM/DFX, DFMEA, ASME, Engineering management, Change Control	
Technical	Siemens NX2-9 Catia V4/V5 MS Office	Teamcenter PLM Adobe Creative Cloud Google Docs/Dropbox/iCloud
Education	Mech. Eng. Technical Apprenticeship HNC Mechanical Engineering	Rolls Royce, East Kilbride Stow College, Glasgow
Experience	Belcan International, Berlin, Germany Engineering Team Lead/Design Checking	Oct 13 - Present

Team Lead responsible for managing several cross functional teams designing Gas Turbine components for NPI and legacy engine projects. Tasked with supervising, monitoring and delegating tasks within the teams and providing direction to ensure timely delivery from a conceptual stage through to design completion.

Responsible for managing and supporting the development of a capable offshore component definition group and for providing leadership for the multi-site drawing checking group. To support this position, I have achieved customer signature authority for checking drawings and design solutions and act as the single point of contact for all component definition tasks.

For all teams I am responsible for resource management both internally and externally and for identifying and managing components based on a best cost resourcing model.

To support the business going forward, I am tasked with preparing quotations and Statements of Work, managing change control and reporting on both technical and project level to internal management and customer integrated project teams. I am also involved in the identification of future opportunities and the preparation of detailed presentations highlighting global capabilities.

Assystem GmbH, Berlin, Germany
Engineering Team Lead

Feb 13 - Oct 13

Performed a Team Lead role in the assessment and repair of component non-conformance within production turbomachinery. Responsibilities included liaising with manufacturers and specialists to determine route cause analysis for non-conformance and providing leadership for the concessions assessment team.

Experience (cont)	Siemens Industrial Turbomachinery AB. Finspång, Sweden Design Engineer/HG designer	Jan 08 - Jan 13
	<p>Responsible for the specification and design of both structural and rotating components for 43-50MW Industrial turbine modules. Tasks included creation of CAD models, drawings, bill of materials and Finite Element Analysis (FEA) models for ANSYS Workbench. Included in this was the evaluation of concept proposals using DFMEA and DFM/DFX, creating component specifications, maintaining technical contact with component suppliers and participation in supplier qualification and quality assurance assessment.</p> <p>Work was carried out using Siemens NX6 and Teamcenter Engineering PLM.</p>	
	Rolls-Royce Deutschland, Dahlewitz, Germany CAD Design Engineer	Aug 06 - Jan 08
	<p>Responsible for the creation of CAD Models, Design Schemes and Detail Drawings to support engine development programs including the design of Turbine Casings and Combustion Chambers. CAD modeling of Turbine blades and producing Finite Element Analysis (FEA) assembly models for SCO3 to support sustaining engineering. Work was carried out using Siemens NX2 and Teamcenter Engineering PLM.</p>	
	Anecom Aerotest, Wildau, Germany Instrumentation Design Engineer	Oct 04 – Aug 06
	<p>Creation of Design Schemes, Detail Drawings and supporting documentation to satisfy engine testing schedules. CAD Modelling of instrumented components including Blades, Vanes, Casings and ancillary components.</p> <p>Work was carried out using Siemens NX2 and Teamcenter Engineering PLM.</p>	
	Rolls Royce Turbine Systems, Bristol, UK CAD Design engineer	Jul 04 – Oct 04
	MTU Aero Engines, Munich, Germany Instrumentation Design Engineer	May 02 – Jun 04
	Cargolifter Development AG, Brand, Germany Structural Design Engineer	Jan 00 - May 02
	BMW Rolls Royce GmbH, Dahlewitz, Germany Detail Design Engineer	Oct 94 - Dec 99
	Rolls Royce GTE INC., Montreal, Canada Detail Design Engineer	May 94 – Oct 94
	Rolls Royce PLC., East Kilbride, Scotland Detail Draughtsman	Oct 89 – May 94