

Job Description: Chief Engineer-Chassis



Department: Design

Job role overview: To lead and own engineering quality for all chassis engineering.

Report to: Director - Design (Engineering Services)

Location: Hinckley, Leicestershire

Duties and Responsibilities:

The Chief Engineer – Chassis has the following responsibilities:

- To be the owner and driver of Chassis Engineering quality for all Triumph products.
- The management of the Chassis SMEs, this will include:
 - Keeping them motivated at all times
 - Providing leadership when required.
 - Making decisions when required.
 - Recognising their training needs.
 - Ensuring they work to departmental procedures.
 - Authorising holidays.
- Deputise for the Director Design (Engineering services) as required.
- To support and drive quality of process and engineering in design teams
 - Conducting detail design reviews
 - Reviewing and approving key documents
 - Supporting during critical problem resolutions
 - Be the final point of contact for all technical queries and issues relating to chassis engineering. To support where necessary Chassis Engineering staff with technical assistance and guidance.
- To maintain and develop the Department Advisory and Test Procedures applicable to chassis systems and components. This includes promoting and managing updates, writing new procedures and signing off all chassis related procedures.
- Develop and standardise, maintain and develop appropriate Department Operating Procedures
- Assist in the creation and control of Departmental Budgets
- Monitor press and warranty feedback and make changes to components and systems as required to ensure continuous improvement of final product.
- Promote and develop component commonisation across Design Teams. Ensure all Design Teams have a common approach to designing similar parts.
- Promote and develop best practice for material selection for all chassis components.

- Ensure cross communication between Design Teams to promote best practice for scheming, calculations, clearance checks and tolerance stack calculations.
- Attend DA and design review meetings for all chassis components and systems.
- Promote best practices for competitor benchmarking and ensure chassis components and systems are adequately and appropriately benchmarked across Chassis Teams.
- Manage the chassis working groups and ensure that they are regularly relaying information across teams and updating procedures where appropriate.
- To be responsible for investigations and feasibility studies of areas that will affect Triumph through potential future legislation and ensure that a strategic approach is taken to the design of new parts to be compliant with any such legislation.
- To be responsible for feasibility studies and methodology development that will allow Triumph to improve its end product and stay competitive. For example: materials and manufacturing methods, analysis techniques to improve NVH performance.
- To manage consultancies and ensure continual improvement in analysis and simulation techniques and accuracy, with the aim of reducing development time and costs.
- To promote and develop data capture for use in analysis to refine and improve analysis and simulation work. To ensure common use of loadcases and inputs for Finite Element analysis of chassis components and systems
- To closely liaise with Thailand facilities to ensure good understanding in Design of process capabilities and manufacturing methods in our Thai factories. Develop fixturing, datum and inspection methods and best practices that can be standardised across the Chassis Teams. To attain manufacturing buy-in to these methodologies and ensure Manufacturing sign off relevant Departmental Advisory Procedures.
- To undertake and assist with projects as required by your Manager.
- Any other ad-hoc duties as required by your Manager.

Person Specification: Chief Engineer- Chassis



	Essential	Desirable
Qualifications and Attainments	A relevant Engineering Degree at 2:1 or above (or equivalent)	Management or leadership training
Professional Experience and Skills	<p>Considerable experience leading a team in a PTW engineering environment</p> <p>Broad engineering knowledge of PTW engineering design and development</p> <p>Experience creating and controlling a budget</p> <p>Proficient in Microsoft Packages including Excel, Word and Outlook.</p> <p>English (written and spoken),</p>	
Personality and Motivation	<p>Able to mentor and guide others in engineering delivery and quality</p> <p>Self-motivated and resilient.</p> <p>Flexible and adaptable.</p> <p>Able to take instruction and work under pressure.</p> <p>Excellent communication skills, clear and concise written and verbal skills</p>	
Appearance and Characteristics	Well presented.	
Circumstances	Able to be flexible on working hours.	