

job description

Job title: Composites Design Engineer

Department: Performance Engineering

Reporting to: Head of Engineering

Job purpose:

- To provide a first class composite engineering design service for Prodrive operations and all internal and external clients

Key responsibilities:

- Conceptual and detail design of composite structures for both the automotive technology and motorsport divisions on projects involving component and tooling designs in fields including automotive, aerospace and motorsport
- Design of tooling and moulds for the manufacture of the components designed.
- Creation of engineering drawings
- Analysis and resolution of running faults
- Professional interface with other departments
- Liaison with buyers, engineers, internal production staff and external suppliers
- Work with the Senior Engineer to establish working practices for customer support
- Monitor quality and cost within production
- Continuous improvement of production information
- Continuous improvement in manufacturing technology and material selection.
- Ad hoc projects as specified by the business needs

Education / qualifications

- Degree in composites engineering related discipline is desirable
- Experience in design/manufacturing of high performance composite parts desirable.

Work Experience

- Practical design experience with composites
- Ability to produced detailed design drawings both manually and on CAD
- Familiarity with composites manufacturing processes
- High standard of technical documentation

Special aptitudes

- Self starter
- Ability to prioritise work effectively
- Excellent planning skills
- Quality and standards driven

Disposition

- Forthright, enterprising, self assured, outgoing and driven
- Presentable
- Enthusiastic

Values

Can do	Must possess a positive attitude and display the ability to identify alternative solutions to problems
Relentless	In exceeding customer expectations and continually exceeding goals
Rigorous	A commitment to achieving the best solutions
Creativity	Endeavour to find new ways of doing things and learn from past experiences