

Mechanical Design Engineer (New Product Introduction)

Job Outline

We are Ashwoods Electric Motors – an innovative and rapidly-growing cleantech engineering firm based in the South West of England – and we make electric motors that are smaller, lighter, more efficient and cheaper than comparable incumbent designs. Our products are attracting global interest and we are now rapidly expanding to meet the requirements of our ever-growing customer base. We have recently moved to our new Devon facility at Chudleigh, with the support of a £1.2M grant from the UK Government.

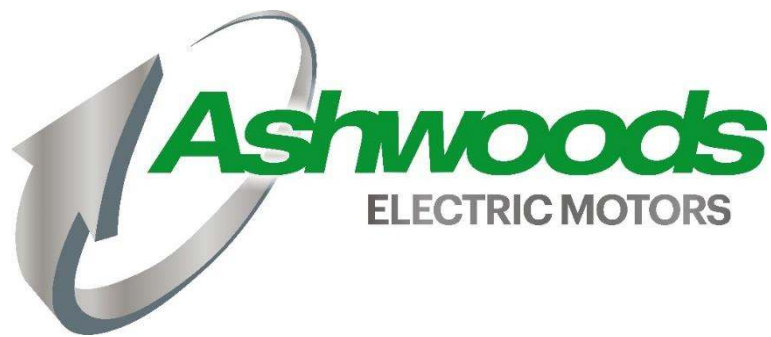
We are currently looking for a Mechanical Design Engineer with experience within New Product Introduction (NPI) to join us in creating new manufacturing equipment to satisfy our increasing customer demands. The role will give successful applicants comprise of involvement in several projects from concept to completion, either working alone as a lead engineer, or as part of a team for larger projects.

You will help develop production motor designs, tooling design and be involved in project planning. As well as be involved in testing and validation of designs.

Job Responsibilities

- Creating & working from design specifications.
- Following APQP processes.
- Development and improvement of new & existing tool design.
- Design and implementation of new equipment into the production lines.
- Installation, testing and commissioning of new equipment and designs.
- Testing & debugging issues.
- Ensure the mechanical design works in conjunction with all the pneumatic, electrical, PLC and safety systems.
- Aid with creating all required documentation to meet internal requirements as well as external.
- Ensure all equipment complies with the required safety directives.
- Develop bill of materials.
- Troubleshooting issues with existing installed systems (review, repair and redesign where needed).
- From time to time able to support other business functions including new product development.





Desired qualifications, skills and experience

- A degree in, or equivalent knowledge of, Mechanical Engineering,
- Extensive applied 3-D CAD experience, with SolidWorks the preferred package.
- Ability to troubleshoot equipment problems and generate innovative solutions.
- Create Bill of Materials in MRP software, Exact preferred package
- Work as an individual and as part of multi-disciplinary team
- Able to work within and create/maintain documentation for quality system
- Experience testing and report writing
- Writing and updating work instructions
- Good analytical and development skills
- Excellent verbal & written communication skills
- Ability to interface with customers and suppliers.
- MS product familiarity (Word, Excel Powerpoint)

Personal characteristics

- Personal accountability
- Reliability
- Concentration and focus
- Pragmatism
- Good sense of humour
- Work as part of a team or alone
- Work to deadlines and respond effectively to customer requests.
- Strong time management skills

Salary & Benefits

- Competitive Salary and Pension scheme
- Participation in employee bonus scheme
- Outstanding quality of life
- 24 days holiday per year, plus bank holidays and opportunity to earn more days
- Flexible working available
- Staff social events

How to apply

If you think this job is for you then why not email us, briefly summarising why you'd be great for the role and including a copy of your CV, at work@ashwoods.org

Incidentally, if you're looking at us on behalf of a recruitment agency then thank you for your interest but we're already working with some wonderful people in the industry on an exclusive basis. Thank you.

