

JOB DESCRIPTION

Job Title	Mechanical Design Engineer	Department	Engineering
Responsible to	Engineering	Responsible for	

Main purpose of job

To enable Flann to realise our RF designs in a safe, effective, and efficient manner.
To manage and deliver projects for our customers and for ourselves.

Main duties

- Exercise a duty of care to themselves and the team in respect of Health, Safety, and wellbeing.
- Working with the RF team to ensure compatibility with microwave design intent.
- To generate mechanical designs to meet the market or specific customer's requirements, typically in relation to:
 - Environmental considerations, typically including exposure to, moisture, vacuum, temperature etc.
 - Vibration, shock, and physical parameters such as size and mass,
 - Heat transfer and temperature considerations.
 - Design for Manufacture and Assembly.
 - Design for cost and timeliness.
 - Health and safety considerations for our teams.
- Project management of often complex projects.
- Perform the modelling and analyses using our FEA packages to verify that fitness for purpose of our designs.
- Working with our purchasing team and suppliers to identify appropriate materials and components.
- Approval of engineering drawings.
- Investigating, developing, recommending, and implementing new engineering concepts and methods.
- Participate in Design Reviews. Promote and ensure compliance with our NPI (new product introduction) processes.
- Developing and maintaining strong relationships with managers and supervisors to implement the Company's policies and business objectives.
- Make a positive contribution to maintaining a workplace that is healthy, safe, neat, and tidy.
- Carry out any other duties reasonable within capability as the Company requires.
- Training, mentoring, and developing others.

Person Specification

- Good degree standard intellect..
- Excellent communication and organisational skills.
- Good computer literacy, familiarity.
 - Especially Microsoft Office products and
 - 3D Autodesk / AutoCAD or similar 3D design packages.
 - Proven capability at learning new software.
- Strong interpersonal skills both with staff and senior managers.
- Ability to use initiative, be proactive and work efficiently as part of a team.
- Able to work under pressure and to deadlines.
- Flexible, courteous, friendly, and positive approach.
- Discretion, confidentiality, and professionalism at all times.
- Eligible to work in UK.



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