

**WE'RE
HIRING!**

Junior Mechanical Engineer (VN2019-005)

Do you have experience in working with carbon fibres? Are you a do-er? Do you enjoy being part of projects and working in teams to deliver high performing products? Do you want to create know-how and make an impact internationally?

Adamant Composites Ltd is an industrial SME working on high-tech applications of Advanced Materials and Structures supporting our International Customers with design, manufacturing and new technologies for their products. With our state-of-the-art equipment we produce Carbon Fibre parts for our international Customers and our Technology Development projects in high-performance markets. We are a dynamic Small Company based in Patras, Greece, offering our employees challenging engineering projects, flexible working hours, and stable working environment in a competitive package. Since 2012 that the company started, we have been

growing, eventually creating a team of 15 engineers and technicians.

We offer a dynamic working environment with challenging international projects!



Position Profile:

We seek to expand our Production Team with an entry level Mechanical Engineer with a role on **Composites Materials & Processes**. Start date expected May 2019.

• “Must Haves”

- ✓ Dipl.-Ing. Or MSc in Mechanical / Aerospace Engineering
- ✓ Thesis related to Composites Manufacturing
- ✓ At least 1 (max 3) year of proven experience in Composites Manufacturing
- ✓ Fluency in English: understanding, speaking, writing for technical matters
- ✓ Troubleshooting mind-set, problem-solving skills and synthesis of results

• Technical Experience and Competences needed:

- ✓ Good background and understanding of polymers and composites
- ✓ Proven hands-on experience with composites production (autoclave, VARTM or filament winding)
- ✓ Methods for verifying quality of produced composite parts
- ✓ CAD and development of custom setups for validation of concepts

• “Nice to Have” competences:

- ✓ Familiarity or experience with CNC machining
- ✓ Design with Composites
- ✓ Exposure to robotics for production

• Practical experience that would be greatly valued:

- ✓ Internship or work experience in the aerospace/automotive/sports sector
- ✓ Participation in student projects with composites-related role
- ✓ Proven involvement in Testing campaigns
- ✓ Participation in R&D projects related to composites

Responsibilities:

- Coordinate and implement daily productions
- Lead production of composites while being a team member
- Use composites expertise to develop new processes and solutions; Design of production processes for scale up
- Manufacturing process set up and operation
- Initiate share and develop composites knowledge to support new technology development within the business
- Report technical developments of processes
- Document manufacturing know-how
- Contributing new manufacturing ideas for future projects
- Design experimental procedures using available and outsourced technical equipment.
- Manage and decipher experimental testing
- Organize and implement internal research in Production
- Recommend and support the implementation of process improvements within manufacturing areas
- Coordinate procurements for the Production Division
- Contribute in operation and maintenance of equipment
- Ensure quality and traceability in production

This Position reports to the Production Manager.

Location: The position is based in Patras, Greece. A great place to live with young and vibrant people, close to the Sea and Mountains, and lots of accessible opportunities for personal development in a relaxed manner.

Why Should You Apply? If you want...

- Full-time employment in exciting research/engineering projects on high-end applications
- Freedom to operate to develop skills and new technologies for high-tech products with carbon fibres
- To make an impact through a Small and Dynamic company in Greece

Application process: Send your CV and a short cover letter via e-mail to: info@adamant-composites.gr