



Consultant - Models and Prototypes

Reports to: Senior Consultant - Models & Prototypes
Location: London

Summary

To enable the Development Centre to deliver high-quality functional and visual models and prototypes to the design studio. To provide consultancy to PDD's designers on how things can be best made to achieve the desired outcome of the model. Creating 2D & 3D CAD for part manufacture and prototype test support.

Key Responsibilities & Accountabilities

- Producing parts manually from drawings
- Finishing CNC machined parts or outsourced rapid prototyped parts
- Set up and support SLA and FDM machines, parting finishing plus general maintenance
- Creating Silicone tools and operating vacuum casting machinery to produce high quality resin castings
- Applying spray finishes to parts with colour and texture matching
- Metrology of parts using PDD's equipment to ensure adherence to specified tolerances
- Assembly of parts into finished models
- Understanding of and compliance with PDD's quality system
- Support stock material ordering
- Support the maintenance and general up-keep of the Development Centre
- Despatch of models in secure packaging
- General building and facilities support, advising Operations Management as necessary

Requirements

- Excellent hand model-making skills
- Manual machine competence
- Use of 3D CAD to assist in the inspection and assembly of parts into finished models
- Direct NC programming of lathe
- Competency on a laser cutter
- Competency in 3D printing
- Attention to detail
- Numeracy
- Inter-personal skills
- Organisational skills
- Creative thinking and problem solving

PDD

PDD is a design and innovation consultancy creating physical and digital products and experiences that drive our client businesses and delight their customers and users. We have been winning awards and serving our long-standing clients since 1980.

With studios in London, Shanghai and Hopkinton MA, and working in 6 continents, our experienced managers and talented researchers, designers and engineers help companies in the healthcare, consumer and industrial

sectors to grow their businesses through innovation.

We ensure that product and experience solutions are successful by ensuring they are appealing to customers, are feasible and viable for clients to make and are responsible given regulation, society and the environment. Such success creates our future- and it's this sustainable 'win-all-round' business model that excites us- we call it 'Meaningful Innovation'.

We are committed to a workplace environment that promotes diversity across all our studios, and this applies to the talent we hire, the customers we work with and the people we interact with on our projects. We offer competitive pay, a range of excellent benefits and opportunities for international travel. Working with us also opens up new networking opportunities and a chance to engage with colleagues at social events.

To apply for this position, please email careers@pddinnovation.com with a cover letter and your CV.

We look forward to hearing from you.

PDD Talent Management