

High Precision Mechanical Engineer

Netherlands (NL) : Zuidoost-Noord-Brabant

Your most important tasks are related to the development and producible process according to PGP (Product Generation Process)

Feasibility phase: The study of the Customer Requirement Specifications (CRS) and the feasibility and procurement of mechanical components;

Definition phase: Coming up with a Description of System Design Requirements and Specifications;

- The generation of system design concepts and reviews;
- Coming up with well-considered choices, validated against system requirements;
- Defining the high-tech modules and related technical interfaces;
- Monitoring that the projects remain within the agreed specifications;
- Using a helicopter view and creativity in order to find solutions in case of conflicts;

Detail phase: Being part of a multidisciplinary team of approx. 10-15 designers/lead designers and architects;

System verification: Verification of design requirements and chosen concepts;

Production release: Release of the design for production.

Additional tasks:

- Contributing to the system road-maps.
- Participating in further developments of the necessary critical mechanical competencies.
- Setting priorities within the mechanical team and reporting routinely to the project manager.
- Providing direction to the Way of Working (including with the help of V-model, PGP-process, design reviews, engineering change process)

- You have experience with design principles, meticulous positioning, dynamic behaviour, material characteristics, clean room environment, design for reliability, vacuum design rules;

- You have experience with DfX ("Design for Manufacturing", value engineering, producibility, cost price calculation, reliability, serviceability) - You have experience with 3D design tools NX or Solidworks.

HEALTH INSURANCE PROVIDED

ACCOMMODATION PROVIDED: including water, gas, electricity and internet bills

TRAVEL PROVIDED: one way travel costs to Holland. Daily travel expenses between house and work

Position type: Temporary to hire

Contract type: 6 month; Full-time

Start date: asap

Job vacancy Id: WBS5010518