

Vacancy: Mechanical Engineer

ASYSOL is a company that designs, fabricates, and integrates several types of antenna measurement scanner systems.

For our site in Santander, Spain, we are looking for a creative mechanical engineer. You will form part of our growing mechanical engineering team to work on all product stages from research and development to design and manufacture, through installation and final commissioning of our antenna measurement systems. The goal is to design and fabricate mechanical components of innovation and excellence.

Responsibilities

- Being involved in the detailed engineering phase of the project, helping with the CAD 3D model design and drawings.
- Design systems and components that meet needs and requirements.
- Multiple iterations with the goal of continuous improvement to reach maximum lifecycle.
- Identify, formulate, and produce effective solutions to occurring problems.
- Evaluate the final product's overall performance, reliability, and safety.
- Estimate the budget and scope of the project.
- Create BOM and engineering drawings.
- Handling purchase requests for placing orders and effective communication with suppliers.
- Adjust the design to meet requirements and eliminate malfunctions.
- Request observations from operators and installers.
- Prepare product reports and documentation.

Required skills

- Experienced with Solid Edge (or NX or Solid Works)
- Proven working experience in mechanical engineering (minimum 3 years)
- Proven working track in designing mechanical parts in projects.
- Solid understanding of core concepts including mechanics, kinematics, thermodynamics, materials science, etc.
- Creativity and analytical skills.
- Ability to work in a team.
- Ability to communicate technical knowledge clearly and understandably.
- Technical writing skills (in Spanish and English).
- Bachelor of Science degree/master's in mechanical engineering (other engineering are also acceptable).

Valuable requirements

- Working experience with product lifecycle management (PLM).
- Knowledge using Laser Tracker instrument.
- Direct experience with computer-aided engineering (CAM) and computer-aided manufacturing (CAE).
- Knowledge using FEM for calculation and analysis.
- Mathematical computing and analysis tools knowledge (MATLAB, Excel, etc.).