

Mechanical Engineering Technician

EMAIL:

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Subject Line: Resume for Mechanical Engineering Technician

Job Description

ABOUT US

Radom Radom is a global leader in advanced plasma technologies. We provide sustainable and innovative plasma solutions for industries including analytical instrumentation, clean tech, and hydrogen generation. Our products and instruments lead to safer processes, faster performance, and the reduction of pollution with the promise of continuing to detoxify our earth.

OVERVIEW

Radom Corporation is searching for a creative and experienced Mechanical Engineering Technician with strong practical and technical skills to join our in-house design team. Ideal candidate for this position is someone who enjoys the challenge of taking an idea from concept to prototype through creativity and individual effort. The key responsibility will be to assist the R&D team in all mechanical aspects of prototype construction, evaluation, and modifications. Assignments may include: building feasibility and prototype models under the guidance of engineers and scientists, assembling and testing mechanical assemblies and fixtures, creating machined parts, etc.

RESPONSIBILITIES

- Work closely with scientists and engineers to understand various functional, structural and electrical requirements of the proposed fixtures, prototypes and experiments.
- Help construct fixtures and prototypes using a variety of machine tools.
- Solve prototyping problems such as meeting stringent precision and alignment requirements, dealing with different materials and specialized tools, and using various joining methods.
- Assist in the conduct of prototype measurements, evaluations, and test experiments.
- Assist in the procurement of machine shop supplies, shop organization, and maintenance.
- Provide strong individual contributions in the context of achieving team goals.
- May travel to customer or supplier sites as needed

QUALIFICATIONS AND EDUCATION REQUIREMENTS

- Associates degree, or a High School diploma and 5+ years technical experience
- Basic understanding of mechanical assemblies and CAD drawings.
- Excellent problem-solving skills for complex electromechanical systems.
- Good verbal and written communication skills.

DESIRABLE

- Previous experience working with R&D teams
- Previous experience working with complex electro-mechanical systems

- Ability to prepare parts for CNC machining and use 3 axis CNC (Tormach)
- Experience using tools shop equipment such as the milling machine and lathe.
- Familiarity using ERP systems.
- Experience with test procedures and generating relevant reports.