



Mechanical Design Engineer

If you wish to apply please email your CV and covering letter to:
recruitment@rjm-international.com



Working Hours

Mon-Fri



Salary

Competitive



Location

Winchester



Contract Type

Full Time, Permanent

Why work with RJM?

RJM International is a world-leading, engineering technology business that enables energy producers to transition to efficient, reliable and cost-effective low carbon generation - and we looking to expand our team to meet market demand.

RJM's twin-track approach is to support existing assets which have decades of operating life remaining, by reducing their emissions and carbon footprint and to support the biomass and Energy from Waste sector to improve reliability and performance.

We are actively working with our customers in their efforts to reduce their carbon footprint, whether that is by improving efficiency, fuel switching such as from coal to gas or biomass co-firing / conversion. Our projects require bespoke solutions which demand technical and commercial creativity in order to meet our customers' needs. Over the years we have won many awards for innovation including "The Queen's Award for Enterprise: Innovation".

RJM works across several sectors, from utility generators to industrial energy users. We work on all types of plant and boilers from 1,000MWe power units to 100MW gas-fired boilers. Our knowledge base covers all types of fuels and all firing systems. We are also very active within the biomass and Energy from Waste markets where we resolve issues encountered in bubbling bed combustors/gasifiers and grate combustion units.

Through steady expansion, RJM has grown its expertise, technical ability, and knowledge to provide clients with a wide range of engineering-based products and consulting services. We operate globally and successful candidates will have the opportunity to work in different parts of the world on a range of exciting projects.

From our Head Office in Winchester, we also provide support to our offices in Singapore, Malaysia and the USA, and there are opportunities to work in these regions.

About the Job

We are looking for an ambitious Mechanical Design Engineer to join our growing team. If you have a strong background in Draftsight and SolidWorks and proven industry experience, an analytical approach to problem solving and an interest in combustion and emissions, please get in touch. You will work within a team to develop the product design details and use manufacturing knowledge to produce engineering drawings and information. You will also work with our supply chain to ensure it is delivered to cost, time and quality.

Your skill, insight and ingenuity will directly shape RJM's involvement in various projects resulting in improved operational efficiency and emissions reduction.

Key Responsibilities

- Follows plans, and directions for the mechanical/technical design of products as well as cost and administrative requirements
- Preparation of Key Component and Parts lists
- Assist in preparation of the manufacturing schedule
- Liaises with selected contractors during product manufacture
- Prepares reports on manufacturing status and advises on the impact of changes or additional works
- Prepares design calculations, sizing and selection of components ensuring compliance with contract requirements
- Interfaces with the project team to coordinate all design details
- Ensures compliance to RJM's QMS procedures
- Records engineering changes to the product, and communicates them to the supply chain as necessary
- Prepares installation instructions for construction sub-contractors to erect supplied equipment
- From time to time assist with hands on diagnostic testing, data collection onsite
- Assist with design proposals, presentations for sales opportunities
- Assist with the post contract review process

Knowledge, Skills and Educational Requirements

If this role is of interest, but you do not meet all the criteria, please still get in contact. We would be interested to see what you can offer.

Required:

- HNC, HND or Degree Standard in Mechanical, Structural or Production Engineering
- Prior experience must include significant engineering to small and medium sized projects
- Demonstrated ability to understand the design process, schedules, and supply chain interface
- Strong computer skills including demonstrated experience in the use of Draftsight and SolidWorks, Microsoft Word & Excel.
- Action-oriented engineer with demonstrated ability to accomplish objectives
- Strong, organised skill set with demonstrated ability to manage details
- Ability to interface at all relevant levels within the RJM Organisation, with good communication skills capable of developing strong supply chain relationship
- Good knowledge of Microsoft office and applications such as Word, Excel etc
- Chartered Engineer status, or working towards Chartered Engineer

Advantageous:

- Technical knowledge, experience of structural steel, ducting, product design, welding, fabrication, castings and piping.
- Additional Language skills
- Full UK Driving License
- Ambitious and responsible with an appetite for self-development
- QA experience

Benefits

- Subsidised private healthcare
- Discretionary Bonus Scheme
- Pension
- Death in Service Benefit
- Opportunities for flexible working
- Continuous development opportunities

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