

Job Title: Manufacturing Engineering Technical Specialist, Gears & Shafts

Working Pattern: Hybrid (3 office days a week)

Working Location: Indianapolis, IN

Pay Range:

\$122,741 - \$199,454 / Annually

Job Description:

- As the Manufacturing Engineering Technical Specialist for Machining, you will have the opportunity to use your ideas to help shape the future for Rolls-Royce North America's external supply chain gear and shaft manufacturing.
- You will lead all technical aspects of the gear and shaft external supply chain manufacturing activities in both development and production with accountability to ensure quality, cost, and delivery requirements are met.
- You will be instrumental in ensuring technical and procedural processes and organizations are ready for industrialization.
- The technical specialist will be recognized as an authoritative source of gear and shaft manufacturing technical expertise and advice in the North American external supply chain and viewed as a key member of the broader team of technical expertise by senior capability leadership.
- In this role you will travel domestically and internationally up to 20%.

Why Rolls-Royce?

Rolls-Royce is one of the most enduring and iconic brands in the world and has been at the forefront of innovation for over a century. We design, build and service systems that provide critical power to customers where safety and reliability are paramount.

We are proud to be a force for progress, powering, protecting and connecting people everywhere.

We want to ensure that the excellence and ingenuity that has shaped our history continues into our future and we need people like you to come and join us on this journey.

Rolls-Royce has been recognized as the top employer in the **Engineering & Manufacturing** category on the prestigious **Forbes Top Employers for Engineers** list for 2025. This ranking highlights our commitment to innovation, employee development, and fostering a collaborative environment where engineers can thrive.

Be part of a team that sets the industry standard and drives groundbreaking solutions.

At Rolls-Royce, we are committed to creating a workplace where all employees feel respected, supported, and empowered to do their best work. We foster a welcoming and innovative work environment that invests in you, giving you access to an incredible breadth and depth of opportunities where you can grow your career and make a difference.

Rolls-Royce is an Equal Opportunity Employer. All qualified applicants will receive consideration for employment without regard to any protected characteristics.

What you will be doing:

- Lead a cross-functional team, with manufacturing emphasis, to achieve program objectives and deliver products to the customer at the right time, cost, quality and responsiveness
- Provide gear and shaft manufacturing input to design engineering to ensure component designs are producible & facilitate design for manufacture supplier events
- Lead & represent manufacturing perspective regarding sourcing strategy
- Develop & conduct supplier manufacturing readiness and technical risk assessments
- Provide support to supplier with quality requirements (fixed process, FAIR, PPAP, SABRe)
- Perform supplier hardware delivery source inspections
- Create the environment for continuous improvement with the emphasis on sharing and searching for best practice

Who we're looking for:

At Rolls-Royce we put safety first, do the right thing, keep it simple and make a difference. These principles form the behaviors that guide us and are an essential component of our assessment process. They are the fundamental qualities that we seek for all roles.

Basic Requirements:

- Associate degree with 7+ years of Operations, Manufacturing, Quality or Purchasing experience, OR
- Bachelor's degree with 5+ years of Operations, Manufacturing, Quality or Purchasing experience, OR

- Master's degree with 3+ years of Operations, Manufacturing, Quality or Purchasing experience, OR
- PhD, OR
- 9+ years of Operations, Manufacturing, Quality or Purchasing experience in lieu of a degree
- **In order to be eligible for consideration, you must be a U.S. Citizen**

Preferred Requirements:

- Strong understanding of gear, spline and shaft manufacturing processes, special processes related to gears and splines, and inspection techniques, including analytical gear chart interpretation.
- Strong problem-solving skills related to gear and spline manufacturing.
- Familiarity with industry gear and spline specifications. I.e. ISO, AGMA, ANSI
- Strong understanding of product industrialization, APQP/PPAP, and FAIR
- Experience of operating within a global volume manufacturing environment and with teaching & mentoring gear and shaft manufacturing processes/inspection operations
- Experience with continuous improvement methodologies such as Lean Six Sigma Black Belt

What we offer:

We offer excellent development opportunities, a competitive salary, and exceptional benefits. These include bonus, employee support assistance and employee discounts.

Your needs are as unique as you are. Hybrid working is a way in which our people can balance their time between the office, home, or another remote location. It's a locally managed and flexed informal discretionary arrangement. As a minimum we're all expected to attend the workplace for collaboration and other specific reasons, on average three days per week.

Relocation assistance will be provided if applicable.

Benefits:

Rolls-Royce provides a comprehensive and competitive Total Rewards package that includes base pay and a discretionary bonus plan. Eligible employees may have the

opportunity to enroll in other benefits, including health, dental, vision, disability, life and accidental death & dismemberment insurance; a flexible spending account; a health savings account; a 401(k) retirement savings plan with a company match; Employee Assistance Program; Paid Time Off; certain paid holidays; paid parental and family care leave; tuition reimbursement; and a long-term incentive plan. The options available to an employee may vary depending on eligibility factors such as date of hire, employment type, and the applicability of collective bargaining agreements.