



Welding Specialist, Engineering & Development

Responsibilities

- Take ownership over welding processes of various Trent families and liaison between Component Repair (CR) shop and Engineering
- Manage new product/process development – Identify, evaluate and implement advanced weld (Pulse TIG, Laser, Micro-Plasma Arc, Resistance) repair capabilities for CR to support New Product Introduction
- Manage process improvement and cost reduction initiatives to increase productivity for welding related process and repairs
- Provide technical support to Repair Development in developing and setting up of weld techniques, welding metallurgy, additive manufacturing technologies
- Provide technical leadership and engagement with CR Operations to support current and future weld capability implementation/ re-location/ technology industrialization activities
- Develop and implement welding processes and capabilities including automation on engine components and industrializing mature repair technologies & SAESL future program
- Implement new capital equipment from developing specification and ordering through delivery, installation and release to production
- Lead technology development with OEM (Rolls Royce) and Research Institute (including but not limited to ARTC) to bring new technology into production

Requirement

- Bachelor's Degree in Material Science, Manufacturing, Welding Engineering or equivalent is preferred
- Successful candidates must have strong welding background and shop operations experience, technical expertise in weld process and repairs
- Additional process knowledge, where applicable, in diffusion bonding, laser processing and brazing, as well as a knowledge of titanium, stainless steel, and nickel alloys, and NC and robotic programming is highly desirable
- Possess good leadership, communication, analytical, engineering and project management skills
- Good technical problem-solving skills, understanding of Lean or Six Sigma tools, takes ownership and hands-on approach