



Manufacturing Engineer

Perform the Manufacturing Engineering activity in Engine Overhaul/Component Repair production areas. Act as Technical Authority, assuring the initial and continuing capability of the Production method to produce conforming product and ensuring the resolution of technical issues/problems/arising to meet business and customer requirements for safety, cost, delivery rate and leadtime (SQCD). Support integration on all Manufacturing Engineering activities across the product lifecycle and through the supply chain.

Responsibilities

- HSE – Practice full compliance to Health, Safety & Environmental Standards and meet the expectations of the Zero Harm programme.
- Product Safety – Understand product safety risks and work on mitigation to meet the required safety levels supporting requirements of the Company's Safety Management System.
- Quality – Practice a culture of zero defects ensuring that manufacturing processes and methods within the business are developed and deployed to support Right First methodology. Support process and product related Quality investigation, and manage NADCAP accreditation.
- Delivery – Ensure that manufacturing processes and methods of manufacture within the business and suppliers are developed and deployed to support/deliver Right First Time manufacture using SPS, DMAIC and System Engineering tools. Manage FAIR/MSA activities and Source & method change in the cell/area of accountability.
- Delivery – Review issues identified e.g. Troubleshoot Strip / Build, Balancing, Runout, In-situ repair, Component Repair processes and key equipment/toolings (ITT, VTL, BTG, Wash, FTB, CMM, etc), determine resolutions and reestablish the Standards.
- Cost – Support cell/area of accountability to meet cost targets e.g. productivity, CONQ etc.

- Standards – Deploy and sustain the SAESL Operating System Standards by working with the Cell/Area CFT, and where applicable with the suppliers. Identify opportunity to improve the Standards.
- Technical Authority – Specify Manufacturing Engineering and process requirements and make technical decisions in relation to the cell/area of accountability.
- Lean/Improvement – Identify requirements for improvements and innovations in manufacturing processes and methods of manufacture within their cell/area of accountability. Prioritise and promote launch of new projects based on business case. Drive manufacturing processes towards identified best practice.
- Deploy capability (including NPI) – Responsible for production readiness of new product manufacturing capabilities or methods of manufacture. Develop numerate, real time methods for capturing process capability, and ensure it is available and acted on within the facility/supply chain. Maintenance of Production Technical Packages (technical instructions, programmes, tooling, etc) for all parts/assemblies which clearly define the manufacturing process ensuring manufacturing processes and/or methods of manufacture meets the requirements for quality, cost, delivery rate and lead time.

(Only short-listed candidates will be notified)