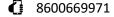
Amol Dhere

JOB OBJECTIVE

Pursue opportunities as a Welding Engineer, Production Engineer emphasizing a strong commitment to enhancing manufacturing processes and quality assurance in the aviation sector, while utilizing a wealth of knowledge in welding techniques and client relations.

CONTACT

amoldhere1994@gmail.com



EDUCATION

- B.Tech. / B.E. in Mechanical Engineering, RKDF University, Bhopal, India, 2021
- Diploma in Mechanical from MSBTE | 2015
- XII, State Secondary Education Board, Maharashtra, 2010

CORE COMPETENCIES

- Quality Management Systems
- Production Optimization Strategies
- Welding Safety Standards
- Continuous Improvement Practices
- Allocate production plan as per daily requirement.
- Manufacturing Process Engineering
- Technical Documentation and Compliance
- Team Leadership and Development
- Cost Reduction Techniques
- Process Flow Analysis

PROFILE SUMMARY

- Offering over 8 years in welding engineering, specializing in quality control and process implementation in aviation manufacturing.
- Welding Engineer and Manufacturing Engineer at GE Aerospace, managing welding operations and ensuring compliance with quality standards.
- **Skilled in GTAW, MIG, and Torch Brazing**, with a strong grasp of manufacturing processes to boost efficiency.
- Established quality assurance protocols, leading to increase in production efficiency.
- Exemplified leadership and problem-solving, guiding teams through complex welding challenges and promoting continuous improvement.
- Knowledgeable in AWS and ASME standards, ensuring compliance and operational excellence.
- Led a project that cut production costs through process optimization and resource reallocation.
- Utilized Lean Six Sigma to streamline workflows and reduce waste.
- Advanced welding techniques and quality assurance, enabling innovative solutions in high-pressure environments.
- **Drove a quality assurance initiative at GE Aerospace**, achieving an increase in efficiency.
- Recognized for mentoring a high-performing welding team, resulting in improved skills and reduced error rates.
- **Expert in regulatory compliance**, ensuring operations exceed industry standards and enhance reputation for quality.

WORK EXPERIENCE

2015 to Present: Production Welding Engineer / Manufacturing Engineer at GE Aerospace Manufacturing (GE India Pvt. Ltd. - Chakan)
Role:

- Utilizing a broad spectrum of knowledge in welding engineering to manage and improve welding inspection processes, ensuring strict adherence to industry standards and regulations.
- Formulating and implementing detailed quality assurance and quality control (QA/QC) protocols, playing a vital role in the creation of standard operating procedures (SOP) for welding operations.
- Managing a team of welders, performing comprehensive evaluations of essential welding joints both before and after welding to guarantee structural integrity and quality.
- Conducting inspections of raw materials, including tubes, sheet metal, and consumables, and generated purchase orders for approval to ensure quality and compliance with specifications.
- Identifying and rectifying intricate challenges associated with multiple welding techniques, such as TIG, MIG, and Orbital Welding, effectively tackling weld defects and executing corrective actions.
- Achieved certification in welding and brazing processes aligned with AWS D17.1 standards for IIA & IIIB materials, thereby bolstering professional credibility.
- Guaranteed rigorous compliance with Manufacturing Operation Sheets (MOS) throughout welding operations, streamlining workflow and upholding high-quality standards.
- Employed sophisticated software applications, such as MES and Oracle, to optimize workflow management and improve operational efficiency.

TECHNICAL SKILLS

- Advanced Welding Techniques (GTAW, MIG, Orbital)
- Quality Assurance and Control Systems
- Non-Destructive Testing (NDT) Techniques
- Manufacturing Execution Systems (MES)
- Oracle Applications for Workflow Management
- CAD Software Proficiency (CREO, AutoCAD)
- Process Planning and Implementation
- Root Cause Analysis (RCA) Methodologies
- Lean Manufacturing Principles
- Project Management and Coordination

AWARDS & ACHIEVEMENTS

- Best Employee of the Year at GE Aerospace Manufacturing for outstanding contributions to quality assurance and process improvement initiatives.
- Best Kaizen award winner in GE Aerospace MMF Pune in 2021,2022,2024 for Improve cycle time, Cost reduction, improve productivity and part quality, Reduce EHS Safety Hazards.

 Participated in the preparation and oversight of critical documentation, including WPS, PQR, and WPQ, while actively contributing to New Product Development (NPD) and First Article Inspection (FAI) initiatives.

Achievements:

- Achieved a successful quality assurance initiative that led to enhancement in production efficiency, thereby lowering operational costs.
- Contributed to the formulation of a new welding sequence plan that accelerated turnaround time for customer projects.
- Acknowledged for outstanding management of Non-Conformance Reports, resulting in reduction in customer complaints concerning welding quality.
- Led a comprehensive training initiative for welders that elevated skill levels and minimized error rates, thereby enhancing overall team performance.
- Directed a project aimed at optimizing welding processes, resulting in decrease in material waste and improved resource utilization.

CERTIFICATIONS

- NDT, ASNT Certification Program Level-2 in Penetrant Testing (PT)
- NDT, ASNT Certification Program Level-2 in Magnetic Particle Testing
- Six Sigma Yellow Belt Certified
- QA/QC Professionals Welding & Inspection

PROJECTS

POKA YOKE - Fixture Modification for Enhanced Productivity

 The POKA YOKE project involved the development and modification of new fixtures, resulting in a remarkable 50% reduction in manpower requirements. The primary focus was on improving overall productivity by 100%, while concurrently ensuring stringent adherence to safety and quality standards. This initiative aimed to streamline processes through fixture enhancements, contributing to a more efficient and optimized workflow.

PERSONAL DETAILS

Address : Pune, India

Languages Known : English, Marathi, Hindi Date of Birth : 16 January 1994