

QUALITY MECHANICAL ENGINEER

Applying principles of mechanics, thermodynamics, hydraulics, heat transfer, and materials, evaluate mechanical and electromechanical systems and products by designing and conducting research programs. Confirm system and product capabilities by designing feasibility and testing methods and properties. Assure system and product quality by designing testing methods, testing finished product and system capabilities, confirming fabrication, assembly, and installation processes. Respond promptly to in-house and/or customer quality concerns through investigation, root cause, analysis, containment and remedial actions. Act as contact point for customer related issues. Develop mechanical and electromechanical products by studying customer requirements, researching and testing manufacturing and assembly methods and materials and soliciting observations from operators. Develop manufacturing processes by designing and modifying equipment for fabricating, building, assembling, and installing components. Prepare product reports by collecting, analyzing, and summarizing information and trends. Provide engineering information by answering questions and requests and participating in customer audits and IATF certification. Maintain product and company reputation by complying with government regulations. Keep equipment operational by coordinating maintenance and repair services including high pressure die casting Buhler Ecoline machines and following manufacturer's instructions and established procedures and requesting special services. Maintain system and product data base by writing computer programs including CNC, PLC and automation and machining programming and entering data. Complete projects by training and guiding technicians. Maintain professional and technical knowledge by attending educational workshops, reviewing professional publications and participating in professional societies.

Require bachelor's degree in mechanical engineering and 1 year of work experience gained with a Tier 1 automotive supplier.

Submit resume via e-mail; *info@andertonlab.com*