

Job ID: PF862
Job Title: Mechanical Engineer
Degree Requirements: Bachelor's in Mechanical Engineering - BSME
Years of Experience: 3 - 5
Type of Position: Direct Hire
Location: Near Gainesville, FL
Salary Range: \$55K - \$62K
Travel Required: <20%

Our client, located near Gainesville, FL, has an **IMMEDIATE** opportunity for a Mechanical Engineer who has a minimum of 3 years work experience in the heavy mobile equipment industry and who presently hold a Bachelor's degree in Mechanical Engineering. Interaction with Project Managers and LEAN Manufacturing personnel is essential in the creation of new designs and problem solving.

The **MUST HAVE** items for this position are:

- Bachelor's degree in Mechanical Engineering – BSME
- Minimum of 3 years work experience in heavy mobile equipment
- Advanced knowledge and practical use of drawing and drafting standards
- High degree of proficiency in Pro-E and / or AutoCAD
- Experience in a LEAN Manufacturing setting

PLUSSES in this position are:

- Experience with mechanical and hydraulic systems related to cranes or man-lifts
- Prior experience trouble-shooting mechanical & hydraulic systems
- Expertise with Finite Element Analysis (FEA) software and strain gauging
- Six Sigma and / or LEAN training

The **RESPONSIBILITIES** of this position include but are not limited to:

- Quickly become proficient with industry standards related to product design
- Final design requirements and system interface management
- Release of engineering packages
- Initiate & lead design reviews with internal customers
- Verification of designs
- Assist designers in development of structural product design
- Participate in customer requirement reviews
- Research & analyze customer design proposals
- Create and manage Bill of Materials (BOM)
- Use of Six Sigma, 8D, 5-Why methodologies to solve problems
- Lead cost saving projects
- Become “Subject Matter Expert” of applicable regulatory standards – National Fire Protection Association (NFPA), Department of Transportation (DOT), Underwriter's Laboratory Code (ULC), etc.

KEY WORDS: Mechanical Engineer, ProE, Pro-E, Pro E, AutoCAD, American LaFrance, Genie Industries, Tull, JLG, Draper, Guillemot, Presto, E-ONE, Oshkosh Truck, Darley, LDV, Mack Trucks, Navistar International, Premier Farnell, Spartan Motors, Breeze Eastern, Volvo, Bishamon Industries, Boom Lifts, Scissor Lifts, Finite Element Analysis, FEA, strain gauging, hydraulics, LEAN, Six Sigma, 8D, 5-Why National Fire Protection Association, NFPA, Department of Transportation, DOT, Underwriter's Laboratory Code, UL

If you meet these requirements and wish to be considered for this position, send your résumé to us using Word 97 -2003 at Resumes@PinnaclePlacementGroup.com mentioning the **Job ID** and the **Job Title** in the subject line of your email. **In your email please provide us a short narrative detailing your experience and expertise as it applies to this position.**