

Product Design / Industrial Engineer

- J.E. Adams Industries is a Cedar Rapids based leading manufacturer of car wash equipment and accessories, high pressure parts, and misting solutions.
- We are 100% employee-owned ESOP providing great benefits.
 - Benefits include health, vision, and dental insurance, vacation, profit sharing, employee stock option plan, & 401K plan.
- We are looking for an energetic, outgoing, dynamic, Product Design/Industrial Engineer with 5 years of design and manufacturing experience.
- This is a hands-on, roll up your sleeves position. Applicants must have a positive, can-do attitude and bring a creative approach to problem solving.

Responsibilities

- Project management from inception to completion.
- New product development incorporating structural, mechanical, and electrical design.
- Develop new design concepts and refine existing product designs.
- Maintain and create bill of materials, routings, estimating production times, resolving discrepancies between standard and actual costs, costing of new products, assisting in inventory control/reconciliation, and special projects as assigned.
- Conduct time studies, and develop, evaluate, and improve manufacturing methods and processes.

Requirements

- Product Design/Industrial Engineer:
 - Candidates must have a four year Electrical or Industrial Engineering, plus experience in a manufacturing, industrial, or OEM environment is considered beneficial.
 - Ability to read and interpret blueprints and bill of materials.
 - Electrical design experience in low and high voltage including solids state timers, relays, solenoids, circuit boards, etc.
 - Motor control experience will be considered a plus including variable frequency drives, transducers, motor starters, etc.
 - Advanced single and 3 phase electrical knowledge.
 - Product design experience with emphasis in sheet metal.
- General:
 - Ability to work well under pressure, manage multiple projects with a proven record of delivering results, and building long term relationships.
 - Strong communication skills with ability to effectively interface with factory, sales staff, vendors, and customers.
 - Proficient in using Microsoft Office products and working knowledge of Microsoft Access.
 - Working knowledge of AutoCAD, Inventor or other 3D modeling program.
 - Familiarity in value engineering concepts, Kaizen, Six Sigma.
 - Strong technical writing skills.

Next Steps

- Submit your Resume to jobs@jeadams.com, with the Subject “Product Design/Industrial Engineering”
 - Alternatively, resumes can be mailed to JE Adams Industries, PO Box 2483, Cedar Rapids, IA 52406.
- A background check, drug screen, and pre-employment physical are required.