



## **Job Description: Senior Mechanical Engineer – WD30162516**

**Link to apply:** [https://jci.wd5.myworkdayjobs.com/JCI/job/Marinette-Wisconsin-United-States-of-America/Senior-Mechanical-Engineer\\_WD30162516](https://jci.wd5.myworkdayjobs.com/JCI/job/Marinette-Wisconsin-United-States-of-America/Senior-Mechanical-Engineer_WD30162516)

### **What you will do:**

Johnson Controls is seeking a hands-on Senior Mechanical Engineer to join our Special Hazards Fire Suppression New Product Introduction (NPI) team at our R&D facility in Marinette, WI. This role focuses on the design, development, testing, and certification of fire protection products for our Foam Hardware and Restaurant product portfolios. Responsibilities include development of mechanical hardware including concept generation, detailed design, prototyping, and design verification testing, regulatory approval testing, and launch support. This is a mostly on-site position (not remote) and is not eligible for Visa sponsorship.

### **How you will do it:**

- Build detailed product functional specifications using the inputs from sales, product management, and the voice of the customer
- Resolve timelines and budgets for completion of engineering tasks within the product development process
- Develop product design concepts, lead prototype generation, and coordinate design and product verification testing
- Evaluates and approves design changes, specifications, and drawing releases
- Work with third party approval agencies to develop and implement testing programs to acquire the required approvals
- Connect with program management to identify roadblocks and mitigation plans to maintain schedule and budget commitments
- Provide mentorship to new and/or less expert co-workers
- Join our team. Apply Now!

### **What we look for:**

#### **Required**

- Bachelor's Degree in Mechanical Engineering
- 6 years' experience in fire suppression product design and development
- Academic and experienced based understanding of fundamental engineering theories, mathematics, mechanics, and physical science concepts to the job
- Ability to perform root cause analysis and corrective actions on difficult problems
- Expert knowledge of fire suppression products, applications, and regulatory requirements
- Demonstrated team leadership skills for broadly scoped/multi-functional/large projects
- Validated project management and interpersonal skills in a multi-functional team environment
- Strong social skills and decision-making ability
- Effective and professional communication with the ability to write reports and convey detailed technical information

#### **Preferred**



- Experience with a stage-gate product development process.
- Functional knowledge of process methods and tools such as DFMEA, DVP&R, DOE, risk analysis.
- Ability for occasional travel.
- Proficiency of MSOffice, PTC Creo and Windchill.

Benefits include but are not limited to: Medical (FSA & HSA), Dental, Vision, Health Support Programs, Well-Being Program, 401K and more

Get excited!! Check out our Fire Suppression Products  
Overview: <https://www.youtube.com/watch?v=csYRckrI9X4>