

**PRECO Electronics**  
**Functional Safety Manager**  
**Boise, ID or Phoenix, AZ**

**Overview**

**Primary Responsibilities:**

The Functional Safety Manager will perform safety management activities for Electronic sensors and systems according to relevant standards during all project phases (concept, product development, production) including preliminary hazard analysis, DFMEA, FMEDA, qualitative and quantitative fault tree analysis.

- Analyze impact of ISO 26262 and create Functional Safety awareness across departments
- Develop safety architectures and safety plans to ensure compliance with ISO 26262
- Lead and coordinate creation of functional safety documentation according to ISO 26262
- Cascade safety requirements to the systems, subsystems, and component levels in product portfolio
- Specify detailed safety requirements, including diagnostic and software requirements
- Collaborate with project managers, development team and customers on functional safety
- Conduct reviews with product teams to ensure functional safety standards are being met throughout product development cycles

**Other Characteristics:**

- ISO 26262 process knowledge - ISO 26262 certification preferred
- ISO 26262 work product development experience
- Awareness of forthcoming ISO 19014 standard
- Auditing and assessments
- Requirements engineering experience
- Project management skills (planning, execution, and monitoring)
- Software, Systems, or Hardware development engineering experience
- Team player
- Good communication skills
- Seeks and participates in development opportunities above and beyond required training
- Works cross functionally

**Education/Experience:**

- Bachelor's degree in Engineering or Computer Science
- Experience developing ISO 26262 compliant embedded systems
- Experience developing ISO 26262 work products (DIA, HARA, FSC etc.)
- Experience developing and optimizing company processes to ensure compliance to ISO 26262
- Good understanding of embedded systems / software / hardware development fundamentals. Strong, proven project management and communication skills
- Self-motivated and driven person with leadership skills

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