



# Example of Functional Safety Job Description

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Our growing company is looking to fill the role of functional safety. Thank you in advance for taking a look at the list of responsibilities and qualifications. We look forward to reviewing your resume.

## Responsibilities for functional safety

- Producing and tracking work products, such as System Safety Program Plan, Safety Manual, Safety Concepts, ASIL assignment / decomposition, Preliminary Hazard Analysis, Hazard Analysis and Risk Assessment, Safety Requirements, and FTA
- Participate in evaluations of proposed technical solutions in decided architecture with the purpose to judge the possibility of developing and calibrating a SW solution
- Plan and document the system safety activities and work products in a System Safety Plan
- Provides coaching to the program's suppliers in the area of functional safety
- Maintain an open issues list that is key for the successful tracking of issues from meetings own activities
- Confirm and verify that safety plan and safety case as developed by Functional Safety engineers will ensure functional safety relevant deliverables are met in compliance with customer & internal company product & project gateways
- Tailors the safety case of the program in collaboration with the functional safety manager and the Technical Lead
- Provides guidance to the program team in the usage of ME's functional safety processes, templates, and guidelines as stated in GPEP
- Write and review product safety requirements and characteristics
- Ensure requirements traceability, completeness and coverage and plan improvements

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- Understanding of the legislation, directives and standards that apply to machinery and work equipment
  - A practical, proactive and persistent way of working
  - Experience of using structured design methodologies such as UML, state transition diagrams
  - Experience in Software Quality and process
  - Working experience in a requirements driven process
  - Experience working with automotive systems