

FUNCTIONAL SAFETY MANAGER

Location : 4535 boul. Hamel #240, Québec

OVERVIEW:

The incumbent is responsible for correct application of the ISO 26262 standard and overseeing relations between clients, suppliers and the engineering department. The position is also responsible for developing a set of active safety standards within the company to ensure compliance with the quality system.

SPECIFICALLY:

Manage all ISO 26262 initiatives regarding functional security

- Act as the functional security manager for all active safety products
- Raise awareness on the importance of functional security
- Perform safety management tasks, in accordance to current active safety norms, for each step of a project (design, product development, production), including the preliminary risk analyses, DFMEA, FMEDA, qualitative and quantitative analyses of fault trees
- Verify security architectures and safety plans for each development phase to ensure that they adhere to ISO 26262
- Oversee and manage the creation of documentation on functional security, in adherence to ISO 26262
- Establish the requirements for all security measures pertaining to systems, sub-systems and components of the company's products

- Determine the functional security requirements, including software diagnostics and specifications, in collaboration with project managers, the development team and clients
- Carry out product reviews with teams to ensure that functional security norms are respected throughout the entire product development process, using a V-Model approach
- Analyze the repercussions of ISO 26262 on products and define the product architecture
- Develop the security architecture and safety plans in accordance to ISO 26262
- Represent the organization during the ISO 26262 process and client validations

WE ARE LOOKING FOR A CANDIDATE WITH THE FOLLOWING PROFILE:

REQUIREMENTS:

- Bachelor's degree in Science, Engineering or in a technical field
- 3 to 7 years of relevant experience in product development (ideally products related to automobile safety)
- Experience in software quality and processes
- Experience in product development lifecycle management
- Experience as a ISO 26262 security management in the automobile industry
- In-depth knowledge and experience with ISO 26262
- Understanding of functional security theory, along with field experience. Safety certification an asset.

CONTACT

Please send your cover letter and resume to Ms. Marie-Pier Fortier at: rh@leddartech.com

Only selected candidates will be contacted for an interview.