

System Engineer

Company

Our client based in Shanghai, they focus on the production of people and material lifting equipment. They design, manufacture and market a wide range of products focused on mobile elevating work platforms and telehandlers.

Responsibility

Engineer in charge of: Applied systems for construction machinery:

- Built-in system
- Connected machines and diagnostic tools

Member of the System team, the full development of the entire system of a function or machine.

- Respects the provisions of the Environmental Management System and is involved in the activity of preventing pollution.

- Continuously develops and improves their teamwork skills.
- Respect work technologies.
- Respect for cleanliness and order throughout the Company.
- Implementation of the occupational safety and health policy, effectively participating in the achievement of the company's occupational safety and health objectives.
- Ensure regular and efficient reporting to its manager.
- Be available to follow the training of a newcomer according to the needs of the organization.
- Be available to perform other tasks depending on the needs of the organization.
- Participate actively in continuous improvement and problem solving
- Defining the technical specifications of functions and components.
- Sizing functions and components.
- Creating machine system architectures.
- Defining the technical specifications of the components
- Coordination of mobile application development activities
- Coordination of the diagnostic activity
- Participate in the development of testing programs and tests
- Providing technical support to the other entities of the group
- Formalization of design and validation standards
- Member of a project team responsible for producing deliverables with objectives related to Quality, Costs and Deadline.

- Permanent mission through inventiveness: due to his duties which include a permanent mission related to studies and research in the field of lifting equipment and people and, in general, construction materials, the employee is invested with a permanent mission that involves inventiveness.

Requirements

BACHELOR or MASTER'S in Electrical Engineer and Industrial Computers knowledge of power supply electronics and C coding. With 5 years of experience in designing mobile machines / equipment

- Knowledge of the organization, the company and how it works
- Deep skills in electrical and electronic; general in the field of mechanics and materials
- Knowledge of the electrical components applied on offroad machinery
- Knowledge of functional analysis
- Knowledge of technical drawing & the Office suite
- SolidWorks / Solid Works Routing
- ARAS

- Protocol 51939 continued CAN
- Synergy (Soft database)
- PCAN explorer (be able to do the first test with a workbench)
- VISIO
- Langage C / C++

TO HAVE EXPERTISE

- Creating a technical file and presenting it
 - Operation of technical documentation (specifications, functional specifications ...)
- Technical knowledge search, improve, Know how
- • Analysing a situation, finding the cause, and recommending a solution
 - Working in a multicultural environment
 - Know how to communicate, convince, explain, and negotiate
 - General electronics
 - Electric motors
 - Connected elements
 - Advanced English / French knowledge
 - Defining the technical specifications of the functions and components of the machines
 - Carrying out the dimensions of functions and components
 - Creating the system architecture of the machines
 - Defining the technical specifications of the components
 - AC Motors (AC)
 - In-depth knowledge of electrical signals
 - Very necessary CAN knowledge
 - Medium level C language, able to read and understand a code
 - Formalization of technical reports
 - Ability to analyse and define electrical functions
 - Pedagogical skills
 - To be organized
 - Be rigorous
 - Reactivity depending on the importance of the subject treated

Please send your resume to: sh-recruitment@ccifc.org