



Rail is the backbone of the mobility of the future. With particular technical challenges such as the implementation of internationally standardised systems to support interoperability or the development of energy-efficient transport modes to reduce emissions and the integration of advanced technologies for state-of-the-art rail product solutions. This requires experts with experience who know every aspect of the process, from concept development up to construction right through to approval.

We are looking for: Electrical designer / Electrical project engineer (m/f/d)

Your tasks

- ◆ Basic understanding of the electrical design of vehicles
- ◆ Electrical and control-related integration of sub-systems and definition of interfaces
- ◆ Definition of system functions and preparation of specifications in coordination and agreement with the concerned specialist departments
- ◆ Preparation, revision and documentation of circuit diagrams (E3, EPLAN) and earthing concepts
- ◆ Reading and editing circuit diagrams in different formats
- ◆ Compiling and editing an electrical component database, including all component-specific data

Your profile

- ◆ Completed studies in electrical engineering, automation technology, mechatronics or equivalent
- ◆ Graduates receive an intensive orientation programme
- ◆ Handling tools of electrical design (e.g., EPLAN, E³, WSCAD) or programmable logic controller (IEC 61131)
- ◆ Application-ready knowledge regarding hardware and software components
- ◆ Knowledge of bus systems (Profibus, Profinet, CAN, Ethernet, WTB, MVB...)
- ◆ Subject-specific professional experience in the field of electrical planning for railway vehicles is desirable
- ◆ Independent working style, goal orientation, willingness to communicate and team skills

Have we aroused your interest?

Please send your relevant application documents – preferably by e-mail – to Ms Nancy Müller at karriere@cideon-engineering.com.