

Electrical Design Engineer



E2M Technologies B.V. is a young, fast growing company with its headquarters in Amsterdam, the Netherlands. E2M has a wealth of experience in the design, development and manufacturing of electric motion and control loading systems for a wide variety of applications such as vehicle simulation (aircraft, cars, trains, armoured vehicles, etc.), entertainment rides, research and development and many more. E2M products are exported worldwide from our EU and US offices. The working atmosphere at E2M is informal, dynamic, challenging and flexible.

Because of our unique position in the market E2M is growing rapidly. For the extension of our electrical and control engineering team, E2M is looking for an enthusiastic colleague with a passion for high-tech systems. Location is in Amsterdam.

The Electrical Design Engineer is part of the engineering team and takes care of the electrical, system, control and safety design of our systems. You will participate in the design of new systems and further development/improvement of existing systems, including:

- design the electrical and control system,
- specify, design and select electrical, safety and control components, sensors,
- design of control cabinets,
- technically manage control cabinet production for prototypes and null-series,
- program (safety) PLC's and controllers,
- commission and troubleshoot systems,
- test systems and analyze the results,
- provide technical assistance to the sales and customer support team.

You will work on sensitive force feedback systems up to big motion systems moving 40000 kg payload with 1G acceleration. You will be involved from concept design until acceptance testing with the customer.

Job requirements:

- Bachelor degree in electrical engineering, preferably in measurement and control engineering / automation.
- Affinity with control cabinet design.
- Affinity with EPLAN, SEE Electrical or similar electrical engineering CAD/design tool.
- Affinity with control systems for machines, industrial communication protocols, sensor and servo technology.
- Fluently in English.
- Flexible working attitude.

E2M offers:

- An open, modern working environment, using short communication lines.
- Possibilities for growth in responsibilities.
- Possibilities for courses and personal development.
- Good salary conditions.
- International working environment.
- Working with interesting high-tech products.

If you think this job is for you, please send your resume and motivation letter to jobs@e2mtechnologies.eu.