

EADCO GmbH is an engineering consultants and personnel service provider.

For our internationally operating customers, we jointly develop innovative concepts from the initial decision-making to the product launch.

With this job advertisement, we are looking for personnel on a temporary basis for our prestigious client in the field of activity of the aerospace industry.

If you share our passion for progress and commitment, we look forward to receiving your application.

## OUR OFFER

- Highly technological industry, exciting, long-term projects
- Permanent employment and flexible working hours
- Flat hierarchies  
Fast decision-making processes  
Remuneration in line with the industry and individual performance

## CONTACT

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www.eadco.com

Please send your application documents together with the completed applicant questionnaire exclusively electronically by e-mail to our recruiting team at [job@eadco.com](mailto:job@eadco.com).

**Please click here for  
download link to  
Application form**



## Aerospace Engineer Power Electronic & Design (m, w, d)

<b>Place of work</b>	<b>Contract Type</b>	<b>Job Number</b>	545_11100533
Gauting DE	Permanent, AÜG	<b>Work start:</b>	asap

As a Power Electronic Engineer, you will be part of an interdisciplinary IPT (Integrated Project Team) dedicated to the full product life cycle implementation and certification of custom Airborne Electronic Hardware systems and units to be integrated and installed into the jet. In this role you will report directly to the Hardware Electronics Functional Manager.

### Your Day to Day

- With primary focus on high power motor control application, you will collaborate with inter-disciplinary teams to design, verify and validate project functional, safety and performance requirements, analyse the verification results and define verification metrics
- Capture, author and validate hardware requirements and implement development lifecycle according to RTCA/DO254 and AMC 20-152A guidelines
- As an expert in power electronics, you will provide guidance and develop relationships with design partners, suppliers and engineer service companies
- defining and tuning the Hardware Electronic design and development processes and tools
- Design Electronic hardware and PCB layout in compliance with RTCA/DO-160 and industry standards
- Interface embedded software development teams and actively contribute in system/aircraft integration and qualification test
- Lead technical presentations, product evaluations and benchmarks

### Your Profile

- MSc. in electrical/electronic engineering (or similar degree)
- +4 years of professional experience (Aerospace, automotive)
- Competent on design standards applied to product design and manufacturing of Airborne unit/system
- In-depth experience with the mixed signal, power electronics design, modelling and simulation using industry standard software
- Experience on 'high' voltage systems (>400 Vdc) design and development applied to motor control and drive applications, switched mode power electronics design and/or battery management systems
- High level of self-reliance and an autonomous target-oriented work style
- Fluent English and Germany language skills are essential
- Design and layout of electronic hardware in compliance with DO-160; Product development lifecycle according to DO-254 guidelines
- Experience with Schematic capture and PCB layout board EDA tools, and with grounding, shielding and EMC design techniques
- Experience integrating and debugging safety critical electronic control systems
- Ability to author verification plans and test cases, as well as architect and implement test benches
- Knowledge of Safety and reliability processes; FTA and FME(C)A, derating analysis; DFM / DFT; Mechanical Packaging; Thermal and cooling design

# Notes on the application procedure and data protection

## **Have we aroused your interest?**

We look forward to receiving your application documents consisting of a cover letter stating your earliest possible starting date, curriculum vitae, references, training certificates as well as your highest school leaving certificate and university degree.

Please send your application documents together with the completed applicant questionnaire exclusively electronically by e-mail to our recruiting team at [job@eadco.com](mailto:job@eadco.com).

Download link for applicant questionnaire:

[https://www.eadco.com/assets/01\\_EADCO-Bewerberfragebogen-Application-Questionnaire.pdf](https://www.eadco.com/assets/01_EADCO-Bewerberfragebogen-Application-Questionnaire.pdf)

## **The right job was not yet in our job advertisements?**

Feel free to send us a spontaneous application. We are constantly expanding our talent pool of specialists in the fields of engineering, mechanics, electronics, research, product development, project management, administration and information technology. You can find further interesting job offers here: <https://www.eadco.com/de/karriere/jobangebote/>

## **What happens to your personal data?**

As a personnel service provider, EADCO GmbH processes your personal data for the application process automatically, mechanically or manually in accordance with the requirements of the General Data Protection Regulation (DSGVO) and forwards the posted data to potential employers in the form of an application profile. The information on the processing of personal data (contact data as well as career and personal data) including special categories of personal data in the context of an online application can be found in the data protection declaration on our website at <https://www.eadco.com>. By sending us your application documents in response to this job advertisement or an unsolicited application, you declare your consent to the processing of your personal data for the purpose of carrying out an application procedure (in the case of a direct application) and/or for comparison with current job requirements (in the case of an unsolicited application). (in the case of a spontaneous) application. You can revoke your application at any time and without giving reasons to [datenschutz@eadco.com](mailto:datenschutz@eadco.com). In the event of a revocation, your data will not be used for further applications; your profile and any existing applications will then be deleted from the system, taking into account the legal requirements (e.g. legal obligations to provide proof and to retain data).