



Electrical Engineer

Workplace: 28906, Getafe

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What to expect:

We are seeking a highly skilled and motivated Electrical Engineer to support the development of structured cabling design and electromagnetic compatibility (EMC) solutions within our aerospace division in Spain. This role is key to expanding our capabilities in electrical and electronic systems, supporting major projects in aerospace, defense, and automotive.

Responsibilities

- Develop structured wiring designs for aerospace applications, including **power and data wiring**.
- Design and configure **electrical power distribution and communication networks** within the aircraft.
- Apply **aerospace regulations and standards** such as DO-160, MIL-STD-461 for electrical design.
- Utilize **CATIA Electrical Engineering** for wiring routing and modeling.
- Manage **electromagnetic compatibility (EMC)** requirements, including shielding and EMI/EMC filtering.
- Support **testing and validation of structured cabling and electromagnetic compatibility (EMC)** in

What you bring along:

Your Profile

- Degree/higher education in Aeronautical, Industrial, Electrical, Electronic, or Telecommunications Engineering.
- Experience in structured cabling design for power and communication systems
- Expertise in CATIA Electrical Engineering.
- Fluent Spanish and English.

Why Bertrandt?

- Opportunity to work on strategic engineering projects in Spain.
- Work in an international and dynamic environment with global teams.
- Competitive salary and career growth.

If you are a talented professional in search of a new opportunity, go ahead and apply! We are waiting for you!

laboratory environments.

- Collaborate with **global teams**, particularly in Germany, to ensure alignment in methodologies and best practices.

We are Bertrandt.

An independent and international development service provider with long years of expertise in various industries. With cross-industry know-how and a holistic understanding of systems and products, we create technological solutions at any stage of the product development process.

We deal with a focus on hot topics such as digitalization, automation, and autonomous systems, mainly for the automotive, aerospace, and mechanical engineering sectors, and consistently facilitate the development of tailored solutions in these areas.

Our goal: to accelerate technological progress and make a relevant contribution to a sustainable future. We work on this every day – with around 14,000 employees at more than 50 sites worldwide.

What we offer:



Responsible Tasks



Flexible working hours



Canteen



Training on-the Job



Attractive compensation



Team-oriented work



Unlimited employment contract



Contact:

Miriam Llorente García

Tel.:

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