



## Initiativbewerbung - Hardware Engineer / EMC Specialist (m/f/x)

**Workplace:** 80331, Munich

**Apply online!**

### What to expect:

- Responsible for leading EMC tasks for the HW/SW team
- Collaborating with System, SW and Mechanical teams during development phase on EMC topics in order to achieve regulatory approvals
- Lead, as well as conduct in accredited laboratories, pre-compliance and formal EMC compliance tests according to EN 60601-1-2
- Identify issues and provide technical solutions in order to achieve the regulatory approval
- Be the reference person with the accredited certification bodies concerning EMC certification, GAP Assessment regarding new amendments, Editions etc
- Develop the concept design, select components, create and maintain electrical drawings and design documentation including, but not limited to CAD drawings (schematics and layout), cable and assembly drawings, flow and timing functional diagrams, technical specifications, system and sub-system requirements

### What you bring along:

- Excellent Knowledge of EU, US and international medical standards: IEC 60601-1, RoHS, ISO 14971, ISO 13485
- Excellent knowledge of standard IEC/EN 60601-1-2 and the following tests: Conducted Emissions, - Radiated Emissions, Harmonics & Flicker, Surge, EFT, ESD, Radiated Immunity, Conducted Immunity
- Independently handle the Change request process
- Solid experience with Laboratory equipment
- Specific EMC/EMI trainings or certificates are highly appreciated
- Familiar with transducer interfacing, power supply and microprocessor-based designs
- Good knowledge of ECADs as Mentor PADS, Altium
- Knowledge of Application Lifecycle Management tools as Polarion
- Electronic systems schematic interpretation, electrical circuit design, electrical cable design,

- Working on prototype builds, analog and digital circuit analysis and troubleshooting and circuit test using laboratory equipment as oscilloscopes, spectrum analyzers, logic analyzers, function generators.
- Involved in EMC testing activities and troubleshooting
- Conduct engineering testing including test and evaluation methodologies, protocols and procedures
- Cooperate with Manufacturing and Test engineers to develop testable and easy to manufacture products

equipment troubleshooting and repair.

#### What we offer:



Responsible Tasks



Freedom to work independently



Discounts



Flat hierarchies



Team-oriented work



#### Contact:

Vanessa Pati  
Tel.: +49 7034 6561 5066  
[www.bertrandt.com/en/career](http://www.bertrandt.com/en/career)

#### Share:

