



## Job Vacancy: Electrical Engineer / Commissioning Engineer

<b>Company Profile</b>	FRENELL is a German technology company specialized in manufacturing, engineering and turnkey delivery of utility scale Concentrated Solar Power (CSP) systems
<b>Position:</b>	Project engineer in department of electrical design and instrumentation and control
<b>Type of Employment:</b>	Permanent with probationary period of six months
<b>Job Location:</b>	Karlsruhe, Germany (temporally also in Partanna, Sicily, Italy)
<b>Entry Date:</b>	With immediate effect
<b>Job Description:</b>	<ul style="list-style-type: none"> <li>• Planning, execution and administration of electrical- and I&amp;C-design for a solar-thermal power plant project located in Sicily, Italy</li> <li>• Design of electrical power supply and sensor instrumentation within the solar field</li> <li>• Design of innovative concept for piping heating based on joule heating principle</li> <li>• Programming of in-house developed solar field PLC</li> <li>• Integrate the solar field PLC into the plant PLC according to requirements from the functional description</li> <li>• Supervision of commissioning tasks on site as well as conduction of training workshops for plant operators after completion of commissioning period</li> <li>• Planning of material and tool supply</li> <li>• Preparation of required documents (e.g. electric circuit diagrams, single line diagrams, instruction guidelines...)</li> </ul>
<b>Background:</b>	<ul style="list-style-type: none"> <li>• Master degree or equivalent in electrical engineering, mechanical engineering or similar</li> <li>• Work experience in the field of I&amp;C and electrical design</li> </ul>
<b>Language:</b>	German and/or English fluent
<b>Skills:</b>	<ul style="list-style-type: none"> <li>• Distinct knowledge in electrical design and well established understanding of instrumentation and control related topics</li> <li>• Excellent communication skills, exceptional team spirit, “out of the box”-thinker</li> <li>• High technical understanding and well founded knowledge of commissioning</li> <li>• Strong ability to work independently and reliable</li> <li>• Extraordinary skills in operational planning (construction management, storage management, personnel scheduling, team allocation)</li> <li>• Experience in strategical decision-making (material supply, logistics)</li> </ul>
<b>IT Skills:</b>	<ul style="list-style-type: none"> <li>• MS Office (word, excel, ...)</li> </ul>
<b>Benefits:</b>	<ul style="list-style-type: none"> <li>• C++/C, JavaScript, Linux OS</li> <li>• CANBUS, MODBUS protocol</li> <li>• Italian, Spanish language skills</li> <li>• Experience in renewable energy sector</li> </ul>

Please send your application to [career@frenell.de](mailto:career@frenell.de) including your CV in PDF format as well as some information about your background and your motivation to work with us and expected salary.

For further information please refer to [www.frenell.de](http://www.frenell.de)