



# Senior Electrical and Control Engineer

**Degree of education** Electrical Engineer, BSc

**Present Position** Senior Electrical and Control Engineer

- Current Responsibility**
- Package Equipment electrical / control system design
  - Local Control Panel / Cabinet / HMI design
  - PLC configuration / programming
  - Electrical heat and load calculation
  - Control logic description for DCS configuration / programming
  - Preparation of technical specifications / order documentation for electrical / control / instrumentation devices / accessories
  - Evaluation / Selection of electrical / control / instrumentation devices / accessories
  - Elaboration of electrical / control design documentation (schematics, layout, MTO, lists, narrative documents, manuals, specifications)
  - Contribution to EPC type offers (technical scope definition, engineering hour calculation, cost estimation, etc.)
  - Coordination of design tasks / data supplies inside project team
  - Provide technical support for EPC type projects and for other expert activities
  - Commissioning support

- Qualifications / Certificates**
- General Electric Integrated Compressor Control Training
  - Mark Vie Operator and Maintenance Training
  - Basic Eplan Training
  - Six Sigma Training
  - LM6000 Aero Package Operation and Maintenance Trainings

- Licenses**
- Chamber of Engineers Electrical Designer
  - Chamber of Engineers Electrical Designer of Hazardous Applications

- Software knowledge**
- AutoCAD, AutoCAD Electrical, Autodesk Inventor
  - Eplan

- Employment History**
- Engineering LLC (for 2 years)  
Senior Electrical and Control Engineer
  - General Electric (for 7 years)  
Gas Turbine Control Project Engineer
  - General Electric (for 4 years)  
Control Cabinet Hardware Designer
  - General Electric (for 3 years)  
Aero Packaging Manufacturing Support Engineer
  - Samsung SDIHU (for 5 years)  
Automation Maintenance Engineer

## WORK EXPERIENCE / REFERENCES

POSITION	JOB / CLIENT / LOCATION
Senior Electrical and Control Engineer for 2 years	<p>SADARA CHEMICAL COMPANY</p> <ul style="list-style-type: none"> <li>• Sadara (Saudi Arabia) - Formalin Waste Water pH Neutralization Dosing Skid Electrical Control Hardware Design</li> </ul> <p>FARABI YANBU PETROCHEMICALS COMPANY</p> <ul style="list-style-type: none"> <li>• Yanbu (Saudi Arabia) - Cooling Water Treatment Dosing System Electrical Control Hardware Design</li> <li>• Solvent Regeneration Unit Reconstruction Electrical Hardware &amp; Instrumentation Design</li> </ul>
Gas Turbine Control Project Engineer for 7 years	<p>CHEVRON</p> <ul style="list-style-type: none"> <li>• Duri Power Plant (Indonesia) Control System &amp; HMI upgrade / Technical Project Lead SONATRACH</li> <li>• Rhourd Nouss, Hamra, Rhourd El Baguel, Berkine Sonatrach Reinjection Plants (Algeria) Gas Turbine, Compressor Control and HMI Upgrades / Technical Project Lead</li> </ul> <p>GENERAL ELECTRIC</p> <ul style="list-style-type: none"> <li>• Meirama Coal Power Plant (Spain) Standalone Steam Turbine Overspeed Protection System Design / Technical Project Lead</li> </ul>

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POSITION	JOB / CLIENT / LOCATION
	<p>ITALIAN GOVERNMENT / Technical Project Lead</p> <ul style="list-style-type: none"> <li>Montemartini Power Plant (Italy) Frame 5 Gas Turbine and Compressor Control System &amp; HMI Upgrade / Technical Project Lead</li> </ul> <p>TARANTO ENERGIA</p> <ul style="list-style-type: none"> <li>Taranto Steel Plant (Italy) Frame9 Gas Turbine and Compressor Control System &amp; HMI Upgrade / Technical Project Lead</li> </ul>
Control Cabinet Designer for 4 years	<ul style="list-style-type: none"> <li>Chemical Plant Steam Turbine Control System &amp; HMI Upgrade / Control Cabinet Design</li> </ul> <p>GALP ENERGIA</p> <ul style="list-style-type: none"> <li>Galp Sines Power Plant (Portugal) Steam Turbine Control System &amp; HMI Upgrade / Control Cabinet Design</li> </ul> <p>ENIPOWER</p> <ul style="list-style-type: none"> <li>Enipower Livorno Oil Refinery (Italy) Frame Gas Turbine Control System &amp; HMI Upgrade / Control Cabinet Design</li> </ul> <p>EXXONMOBIL</p> <ul style="list-style-type: none"> <li>Exxon Mobil Rotterdam Power Plant (Netherlands) Gas Turbine Control System &amp; HMI Upgrade / Control Cabinet Design</li> </ul> <p>MW KELLOGG</p> <ul style="list-style-type: none"> <li>MW Kellogg Barrow Island LNG Plant (Australia) Condition Monitoring System / Control Cabinet Design</li> </ul> <p>SWB</p> <ul style="list-style-type: none"> <li>Mittelsbüren Steel Plant (Germany) DCS upgrade / Control Cabinet Design</li> </ul>