



## Electrical Engineer Advanced Workshop

Bridgestone EMIA Rome Area, Italy

### Job purpose

Within the Research & Development Group, Advanced Workshop Roma Plant Department, the Controls & Automation Engineer is appointed to roll-out the new technologies and carry-out projects relevant to the continuous improvement in I-IOT vision.

### Main responsibilities

Design and development of the software as well as the hardware architecture for industrial machines in the field of tire manufacturing. Knowledge of control algorithms for PLC based systems, HMI design and implementation, instrumentation and sensor interface.

The candidate should have a good understanding of basic machine controls which include induction motor control using AC Drives,. Basic of communication networks

### Bridgestone BEHAVIORS

Agility – to work in a complex environment where change happens at a rapid pace

Courage – to share ideas, think out of the box

### Education

Degree in Electrical, Controls or Mechatronic Engineering.

### Languages

Fluent English is required - Other EU language is a plus.

### Core competency skills

PLC/HMI: Rockwell, Mitsubishi, Siemens.

Understanding of Hydraulics/Pneumatics/ Electrical schematics as well as AC Drives and Motion Controls. Software Design and Development. Understanding of various communication protocols (Profibus, Ethernet IP, etc.).

### Soft Skills

Effective communication skills -Teamwork

### Experience

Not required

### Contract

Full time

The position is based at the Technical Center (R&D) in Castel Romano – Rome (Italy).

Application by <https://www.bridgestone-emia.com> (Careers)