



## **Electrical Engineer Advanced Workshop**

Bridgestone EMEA 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 Linkedin 'Electrical Eng. Adv. Workshop'