

**ELECTRIC PANELS AND OPERATION SYSTEMS FOR ELECTRIC PUMPS:  
INVERTERS, SOFT-STARTERS AND REMOTE CONTROL**

**Training aims:**

Wide your knowledge on the principal electric starting devices with particular regard to inverters and their functioning.

Teach basic concepts about remote control system and analyse some examples of configuration / implementation of a unit in a Caprari pumping system.

**Contents:**

- Business presentation
- General characteristics of electric motors
- The functioning of a frequency converter
- Application advantages
- The inverter concerning the water area
- Technical in-depth examination and practice on Caprari demo panel
- Outlines on remote control and automation based on RTU
- Hardware description of peripheral device
- Description and configuration of the software application URM
- URM: from the application stand-alone to the integration in a remote distributed system
- Automation systems centralized/distributed
- Practical demonstration

**Participants:**

Supervisors and technicians of system operation, technical assistants, fitters and final users.

**Training duration:**

2 days

**Dates:**

**17-18/10/2012**

**Location:**

Training Center Caprari Modena  
Via G. Cavani 141

**Speaker:**

Dott. Marcello Strozzi  
Eng. Massimo Dotti

**Cost:**

**300,00 Euros**

**Contacts:**

Daniela Guidi  
Tel. +39 059 897770  
Fax +30 059 897876  
E-mail: [d.guidi@caprari.it](mailto:d.guidi@caprari.it)