

ING. MICHELE MARIOTTI

- *Graduated in Mechanical Engineering from the University of Florence in 2001.*
- *Registered Professional Engineer, from 2001, registration n°4532*
- *Certified Specialist in Energy Management (EGE) according to the UNI CEI 11339:2009.*
- *From 2016 he is General Manager and Technical Director of TENMA Srl.*
- *Since 2001 he has been a consultant, mainly in the Pharmaceutical Industry, gaining a long-term experience of working in the area of HVAC, civil engineering electrical system plants.*

Project Leader. His tasks are: Project management, design guidelines, client account management, final project functional and quality checks. Drafting design document, URS, FS, FDS, Protocols on FAT and/or SAT, Mechanical Completion, Commissioning and Validation Support.

Layout study. His tasks are: Layout study implementation, integrating the architectural, structural, mechanical and process issues of the Plant.

Certified Specialist in Energy Management (EGE). Operates as qualified Energy Manager in the areas of: diagnosis, feasibility studies, contracts on supplies and energy services, energy certification of buildings and plants, feasibility studies for the application towards fiscal incentives for renewable energy, responsibility of systems for energy management and definition of required procedures to be in accordance with the regulations.

Building Management System Senior Design Engineer. His tasks are: Design management processes of Facility & Energy Management (FM&E), integrated design of BMS with building automation components and supervision software for HVAC and electrical installations (i.e.: power distribution, Lighting, Security & Safety, Communications).

Senior Specialist for HVAC plants. His tasks are: Works with the project coordinator to choose the HVAC plants fit for the particular requests of the building; sizing, positioning and calculation for aeraulic plants; sizing of air handling unit (AHU), selection of diffusers and grilles for supply and return air; sizing, positioning and calculation for hydraulic plants; design of layout for Facilities Power Plant; check and correction of the drawings about graphics, geometric, numeric and regulatory aspects.

Facility Management and Maintenance Plan. His tasks are: Integrated planning of all those activities and systems designed to improve the management and maintenance of technological systems and services for people and buildings. Draws up the maintenance plan of the work in collaboration with security engineer (design and execution stages) in order to carry out common choices for the safety of users and maintainers.

Project Accounting. His tasks are: Estimates of the costs in the Feasibility Study, project accounting for civil works, HVAC, water and sanitation facilities, and electrical systems.

Site direction.