

VALERIO BETTUZZI

- *Bachelors Degree in industrial mechanical technician from I.T.I.S. "Fermo Corni" of Modena in 2009.*
- *From 2016 is Black Utilities lead for TENMA Srl.*
- *Registered as Industrial Consultant in Modena since 2011, registration n°2167*
- *Since 2009 he has been a consultant, mainly in thermotechnical facilities design and management, gaining a long-term experience of working Black Utilities area.*
- *Certified Energy Manager (EM) according to the UNI CEI 11339:2009.*

Senior Specialist for Black Utilities His tasks are: Interface coordination in the planning of black utility systems (media generators, the distribution systems and the media consumers), planning of media quality and quantity, detailed piping planning, coordinating the schedule for planning and implementation.

Senior Specialist for Sanitary Plant His tasks are: Sizing of hot water service production fit for the particular requests of the building; sizing, positioning and calculation for water sanitation service (supply cold and hot water, process water); sizing of supply water treatment; sizing, positioning and calculation for wastewater plant; sizing of wastewater treatment; check and correction of the drawings about graphics, geometric, numeric and regulatory aspects.

Senior Specialist for Scientific, Technical and Medical Gases His tasks are: Sizing, positioning and calculation for technical gases plants (compressed air, vacuum, medical gases, pure gases); check and correction of the drawings about graphics, geometric, numeric and regulatory aspects.

Senior Specialist for Fire Fighting. His tasks are: Draws up fire fighting project addressing all the techniques of the fire prevention; methodology: inspections and review of the projects and/or the site, identification of the requirements for fire safety provided by the current laws, preparing documents for the Fire Brigade; design of the fire-extinguishing systems both manual type (fire hydrants, reels) that automatic (sprinklers, inert gases, water mist).