

C&G Industrial Purification was founded in 1969 as a small family-run business. Today it is an engineering company that can boast the design, installation and maintenance of over 2500 wastewater treatment plants all over the world. The company, based in Rignano sull'Arno, in via Primo Maggio 53, deals, in fact, with the treatment of industrial wastewater and over time has become an important reference point for companies, especially regarding the treatment and processing of metals. The Managing Director, Lorenzo Gallorini, is here to explain future projects and objectives of the business:

*What does it mean for galvanic companies to install a C&G evaporator?*

«It means being able to recover raw materials from exhausted baths in the galvanic activity. Customers can choose unique, complete and customized treatment solutions for the plants ».

*What does your production line include?*

«Vacuum evaporators, reverse osmosis, ultrafiltration, ion exchange, demineralizers, chemical-physical treatment, filter presses and special devices for electroplating, all products that comply with with current EEC directives».

*What types of water are your products suitable for?*

«For all those waters that are polluted by chemical agents used in industrial processes. However, our range also includes equipment for softening water in general and demineralization, as well as equipment for concentrating wine musts ».

*What is the benefit you offer to your customers?*

"The ability to follow the customer throughout the production process, from the design to after-sales assistance, up to the "turnkey" installation of the systems. With a well-stocked warehouse of spare parts and a team of engineers and technicians always moving around the world, C&G can guarantee a service of the highest level. Among the advantages we can offer are that disposal volumes are reduced by up to 95%, precious metals are more easily recovered and there is a more sustainable production".

*How has the request changed in these months of health emergency?*

"It has all moved abroad. The companies that are investing in this sector are mainly in the Asian market".

"With our systems, the company saves and the environment gains". It is with these words that Lorenzo Gallorini then speaks of the company's solutions so that not even a drop of polluting liquid enters the sewers. "We have taken advantage of this phase of health emergency to design new systems that aim at a greater reduction in energy costs", he explains. "We build systems to achieve greater energy efficiency; we aim at reducing the costs and offering a guarantee of greater yield at the same construction cost. Our philosophy aims at minimizing discharges and recovering the water present. We want to avoid draining into the sewers and to achieve "zero discharge". In short, with this type of plant, obviously composed of various phases, the company no longer has any need to discharge even a drop of water into the sewer, but can instead recover it as a 'raw-secondary material', and put it back into its own production cycle. Sewers remain used exclusively for civil and biological discharges".