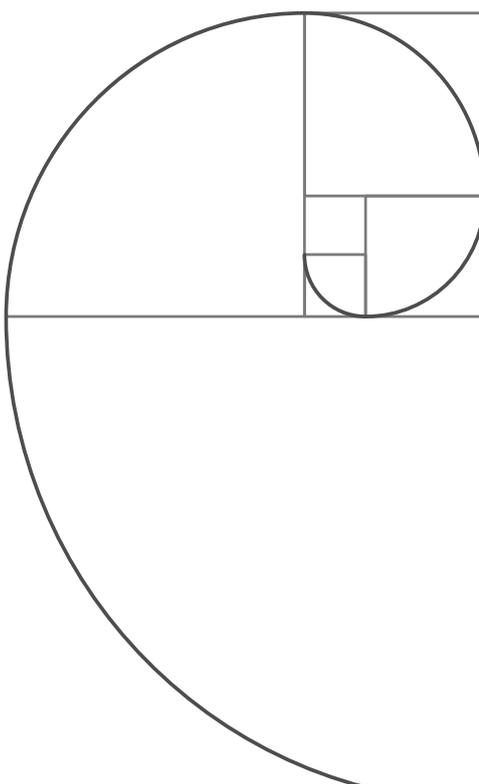




IMPIANTI E AUTOMAZIONE INDUSTRIALE

FROM CONCEPT TO COMPLETION

A diagram of a Fibonacci spiral, also known as the golden spiral, is located in the bottom left corner of the page. It consists of a series of squares of decreasing size, each with a quarter-circle arc drawn inside it, creating a smooth, logarithmic curve.

Piping Department

Piping

- Impianti industriali - - *Industrial plants* -

AZ Technology si occupa dello sviluppo e costruzione di impianti e componentistica per diversi settori di utilizzo (idraulico, alimentare, chimico e petrolchimico).

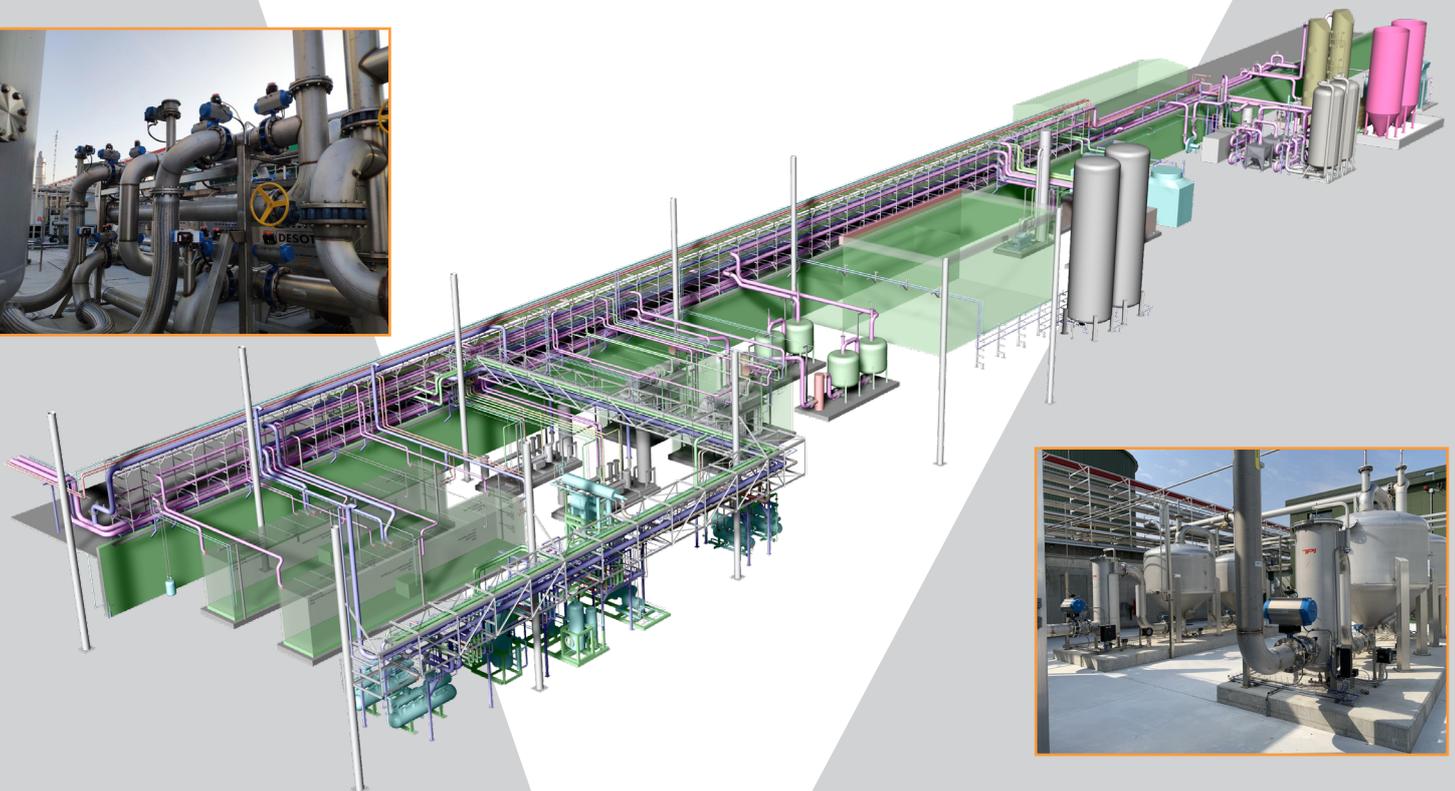
In questo senso, AZ Technology ha maturato un'esperienza tale nel settore piping ed impiantistica da risultare un valido partner in campo di consulenza, di progettazione, sviluppo e costruzione di impianti e dei correlativi materiali da utilizzare.

Inoltre, nel settore della caldareria, AZ Technology ha esperienza pluriennale nella costruzione e sviluppo di strutture singole, nonché sistemi integrati di riscaldamento, raffreddamento e trattamento di liquidi, gas e vapori.

AZ Technology deals with design, development and manufacturing of piping systems and components suited to several fields of use (hydraulic, food processing, chemical and petrochemical).

In these regards, AZ Technology has enough experience in the piping and plant industry in order to be a sound partner in the field of consulting, design, development and manufacturing of piping systems and for the related materials to be used.

Moreover, in the field of boilermaking, AZ Technology has a pluriannual experience with regards to design and manufacturing of single structures, other than integrated heating, cooling and treating systems for liquids, gases and vapors.



Piping

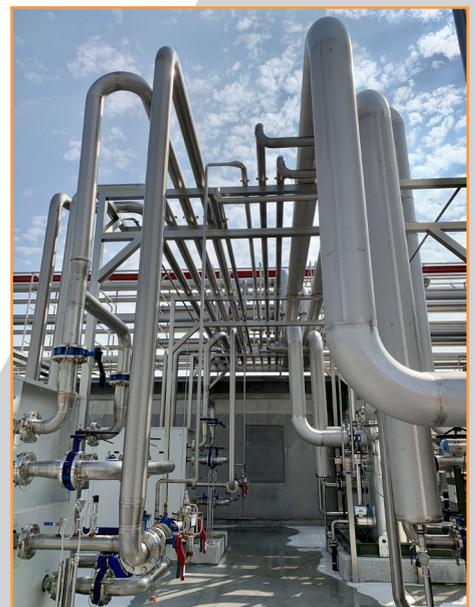
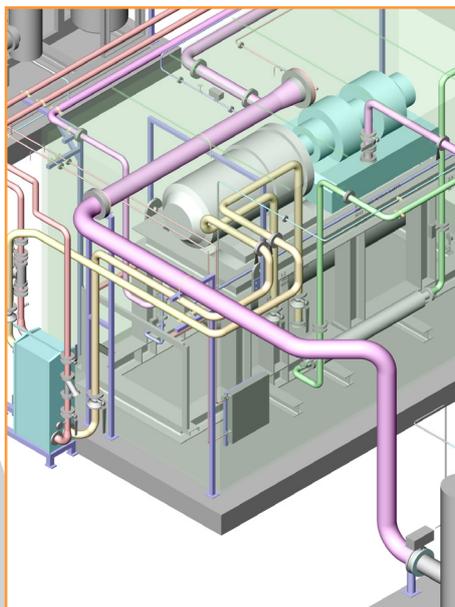
AZTechnology, grazie alla propria esperienza e alle proprie competenze affinate nel tempo, riesce a competere nella progettazione e nella costruzione impiantistica con la formula "chiavi in mano". Ciò è dato da un set di strumenti software ed attrezzature che permettono un calcolo preciso di costi di approvvigionamento materiale, tempi di realizzazione e una maggior componente di prefabbricazione in officina, anziché di realizzazione in opera (con conseguenti vantaggi per il cliente).

Il risultato finale è un impianto realizzato come da progetto, collaudato (con prove in pressione idraulica fino a 500 Bar e pneumatica fino a 60 Bar), i cui costi e caratteristiche sono noti sin dalle fasi iniziali della commessa.



AZ Technology, thanks to its experience and its set of skills (refined throughout the years), is able to compete in the field of plant design and manufacturing in a "turnkey" manner. This is possible thanks to its set of software and hardware tools which allows to calculate precisely the overall procurement costs, realization time and allows more prefabrication time in the workshop, rather than on-site manufacturing (with subsequent advantages for the client).

The final result will be a plant built as designed (tested up to 500 Bars for the hydraulic pressure test and up to 60 Bars for the pneumatic pressure test), which costs and specs are known since the beginning of the project.



Piping

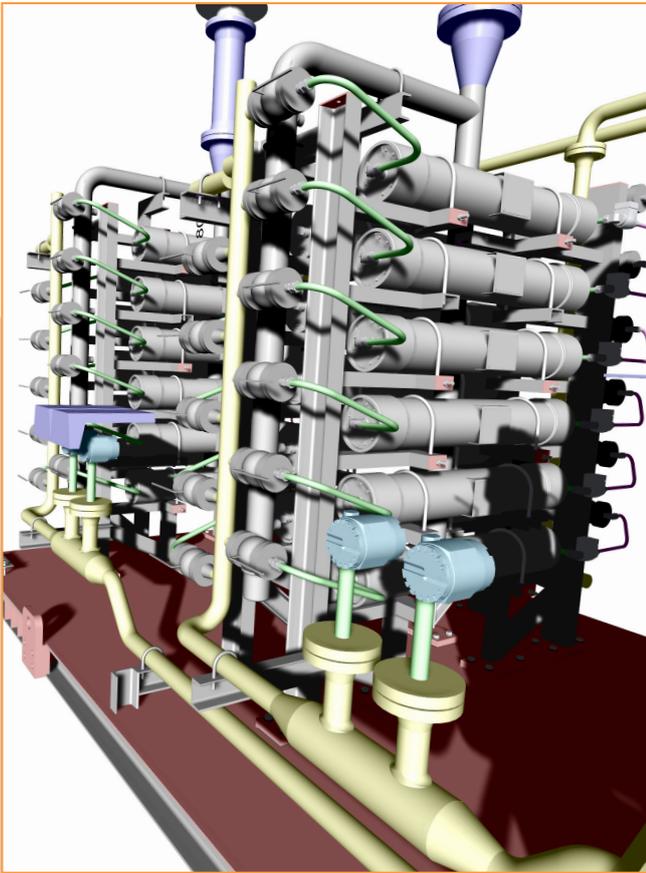


AZ Technology, grazie alla sua composizione dinamica e multisetoriale di personale e risorse è in grado di affrontare lavori dalle dimensioni e dagli scopi diametralmente opposti, da impianti medio-grandi con la predisposizione di officine on-site, alla produzione in serie di skid, spool, composti saldati e parti meccaniche nella propria officina.

AZ Technology, thanks to its dynamic and inter-sectorial composition of personnel and resources, is capable of facing jobs which can differ diametrically in size and scope, from medium to big plants with on-site workshop setup to series production of skids, spools, welded groups and mechanical parts within the workshop boundaries.

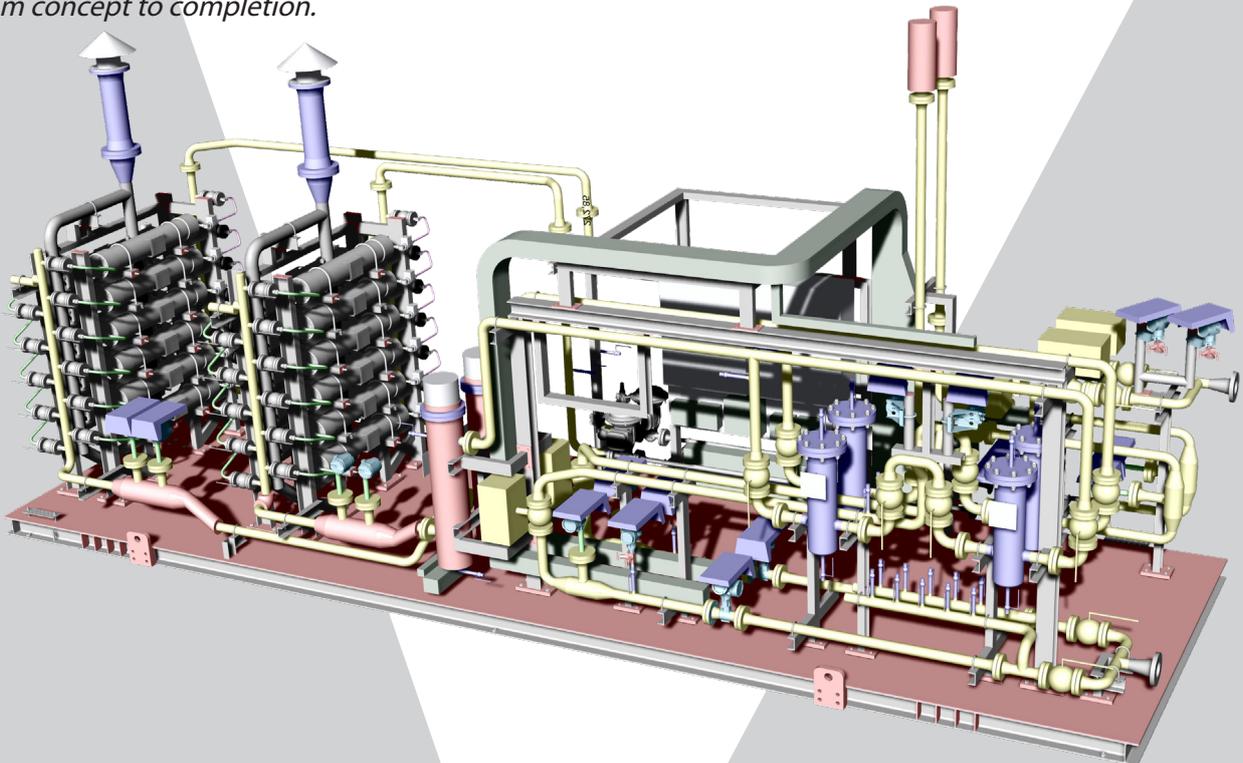


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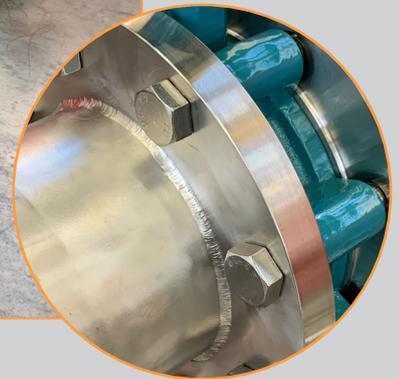
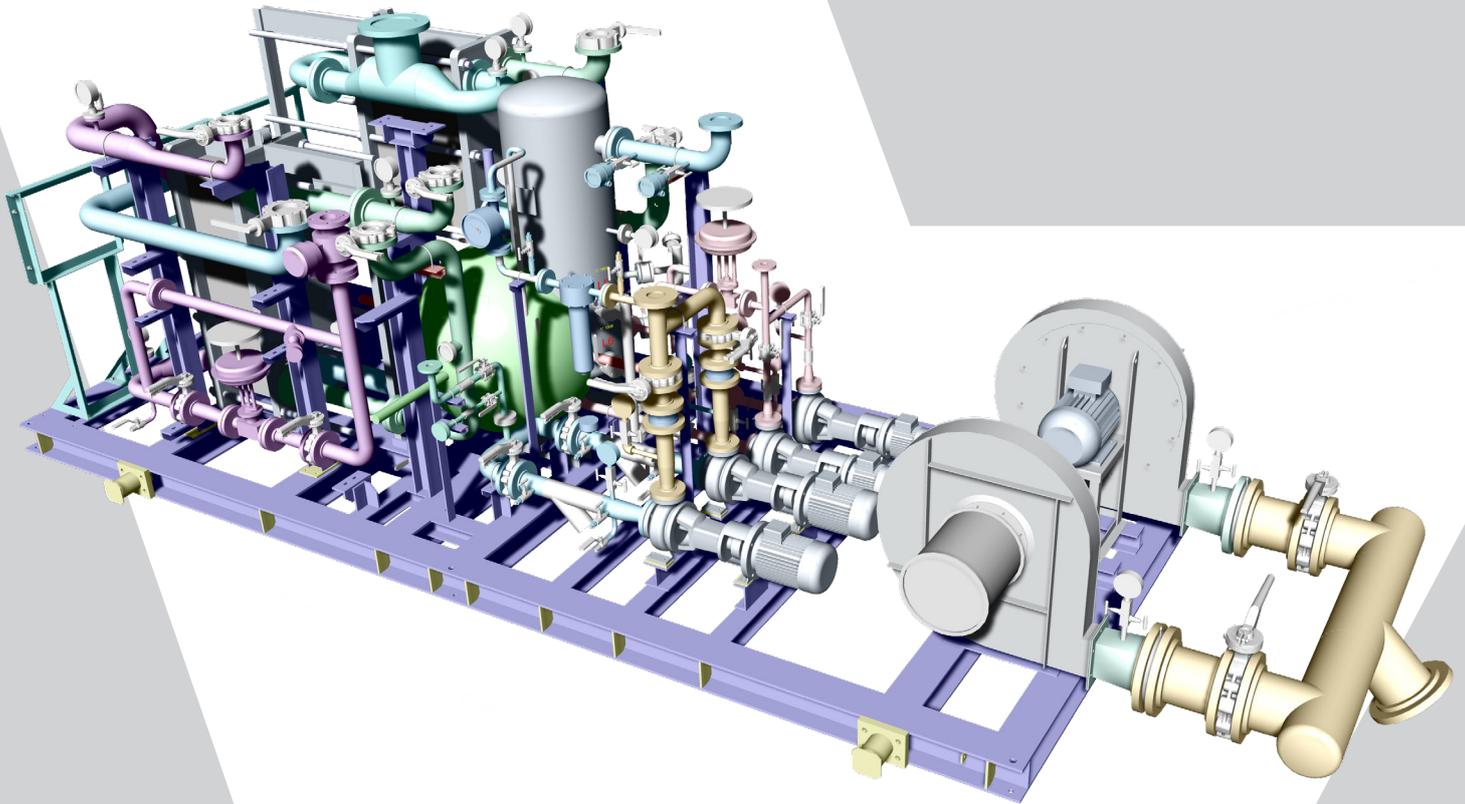


Dal progetto alla realizzazione.

From concept to completion.



Piping

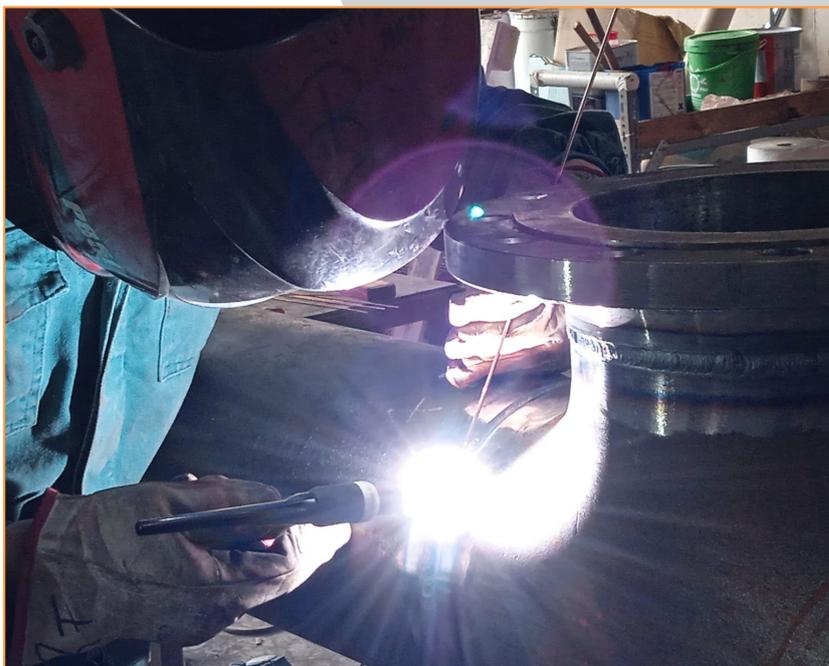


Piping



Piping

AZ Technology, da sempre, prende a cuore i propri processi di saldatura, che vengono applicati da personale altamente specializzato e certificato. Infatti, l'azienda è in possesso di certificazioni di saldatura per costruzione di tubazioni in pressione sotto normativa PED ed è in grado di certificare i propri impianti, in maniera estesa alla parte documentale e di as-built.



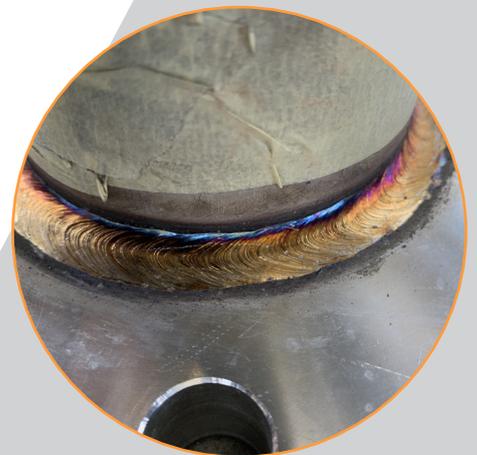
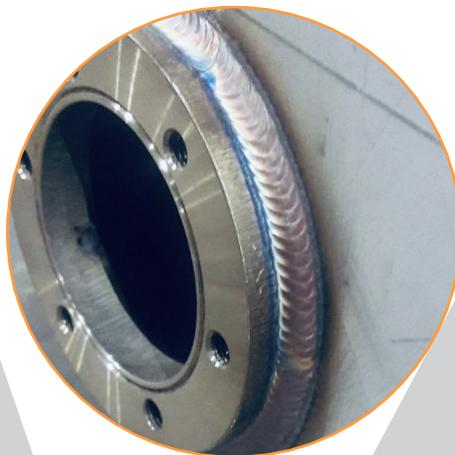
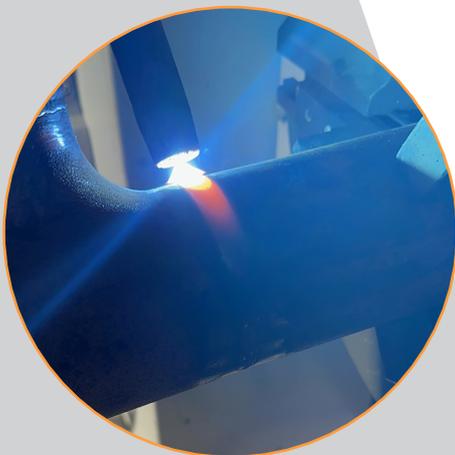
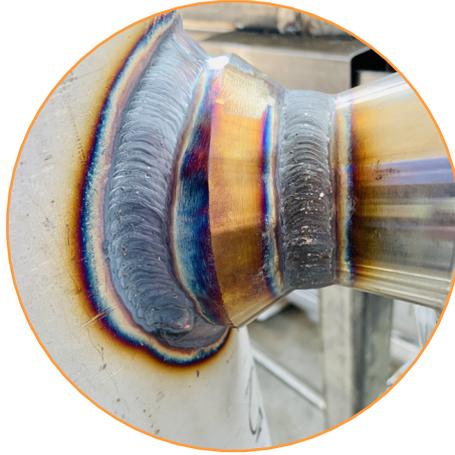
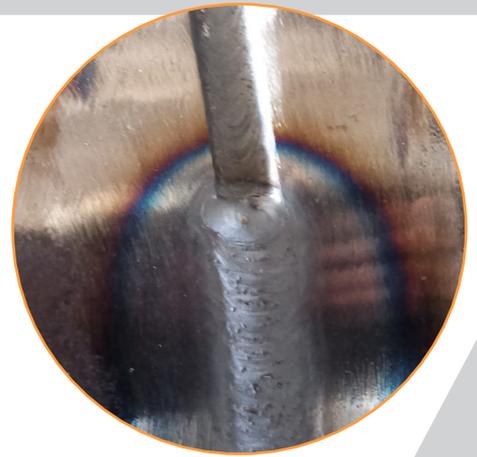
AZ Technology, since its beginning, takes care very seriously of its welding processes, which are applied by highly specialized and certified personnel. In fact, AZ is in possession of certifications which permit it to weld under PED directive and it's capable to certificate its own plant, up to the documental and as-built part.



Piping

Ogni saldatura viene curata minuziosamente, tenendo in considerazione l'aspetto funzionale della saldatura stessa così come la componente estetica.

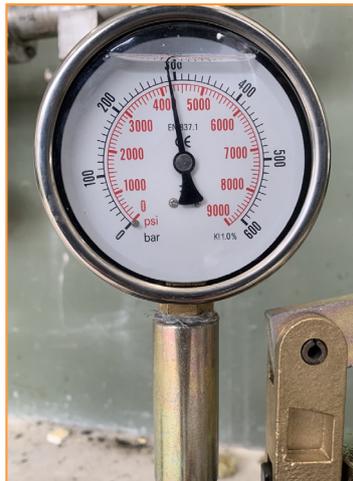
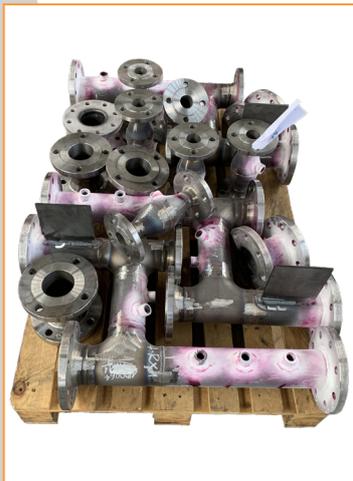
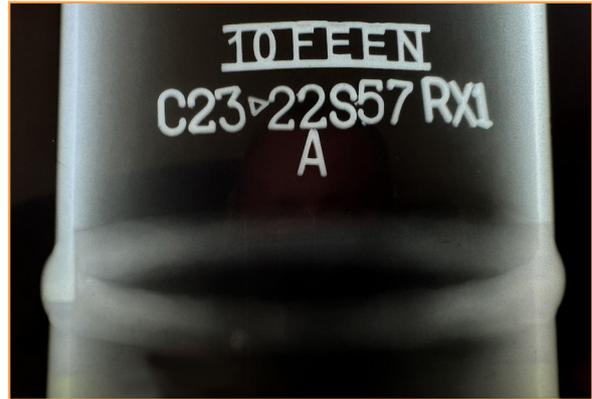
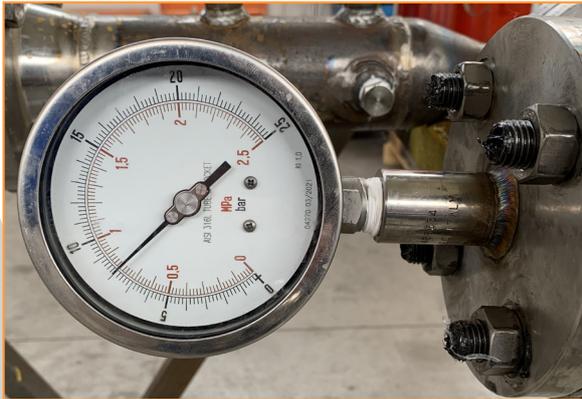
Each weld is cared for with extreme attention, taking into account the functional aspect of the weld itself as well as the aesthetic component.



Piping

AZ provvede autonomamente a tutti i CND che posso essere previsti per una commessa, ovvero liquidi penetranti e radiografie, correlativamente a collaudi di tenuta e di tipo pneumatico (fino a 60 Bar) ed idraulico (fino a 500 Bar).

AZ Technology is autonomous on applying all the NDTs required by a certain job, such as penetrant, and radiographic, along with leak tests and pressure tests, whether pneumatic (up to 60 Bar) and hydraulic (up to 500 bar).



Piping

AZ Technology fornisce al cliente il prodotto finito, comprensivo dei trattamenti superficiali quali verniciatura o decapaggio, consegnato con sistemi di rintracciabilità ed in imballaggi adeguati.

AZ Technology, di prassi, fornisce a corredo delle tubazioni che costruisce i relativi fascicoli tecnici completi, anche ai fini PED.

AZ Technology provides the client the final product, including painting and passivation, delivered alongside its proper tracking system and in adequate packaging.

AZ Technology normally delivers its piping and plant components with their own technical documentation, valid also for PED certification.





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