

KIRMEK



Address:
Via per Grumello, 45/D
24127, Bergamo (BG)
Italy

DESIGN WITH US

ABOUT US

Since 2008 we produce thousands of seats and obturators in our 3.500 sqm facility, located in Bergamo, in the north of Italy. Thanks to a great experience in the oil & gas field, we can ensure all the technical fulfillments to our customers demand, no matter how much time we will spend on it.

PRODUCTS

Our qualified staff produces valve components from ½" up to 72", and the entire mechanical processing is made in-house. Over the years we have built the skills necessary for designing and producing:

- Seats with soft inserts, using Kirmek's delta rings in FKM, FKM LT, HNBR compounds with AED (Anti Explosive Decompression) certification, all designed by us;

- Seats with hard insert in PEEK, DEVLON, NYLON, KEL-F, enriched PTFE and other types of technopolymers;

- Metal to Metal seats:
Either with overlays, in all the grades of stellite, F316, F6A, inconel and so on,

- or with TCC, including the adaptation to the related ball, if it's required;

- Cladded seats with cladding in inconel 625, ST6, ST12 or others;

We can offer the KIT seats + ball: the grinding of the balls is done by qualified suppliers, whereas the mechanical process is done in Kirmek;

- In 2016 we set up the production of flat and inclined obturators, covering a range from 2" up to 60".

- Other components for the valves, such as trims, disks, bonnets and segment rings.

- Rubber-metal molding, for the naval and maritime sector;

- Threaded rings for the energy sector, with extremely tight tolerances.



Concerning the welding, the TCC coating and the nickel coating, we rely on valuable suppliers in the nearby.

DESIGN, QUALITY AND CONTROL

The sealing of a valve must not be taken for granted, and we strongly believe in the zero leakage condition.

Research is an integral part of our daily work, and thanks to it, we are capable of providing solutions suitable for any working condition of the valve.

The 100 % of the pieces is checked in-house and as a result of the marking system we have implemented, we can guarantee the full traceability of each component we produce.

On daily basis we perform the Prussian blue test, the bubble test with water and/ or air, and during the lapping process we check the parallelism and the circularity of the seats. We are equipped for making PT test of 2nd level. For all the other tests we count on qualified laboratories.

All the aspects of our design and production processes comply with the UNI EN ISO 9001:2015 requirements.

STEEL

We buy only Italian and Western-European steel, according to the specifications required.

We have a constantly updated warehouse of bars and forged rings in the main materials used in the oil & gas sector, such as A350 LF2, A182 F6A, A182 F316, F11, F22, F51, F55, F91, F92, INCONEL.

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