

Via Risorgimento, 11 - 20017 Mazzo di Rho (MILANO) - ITALY

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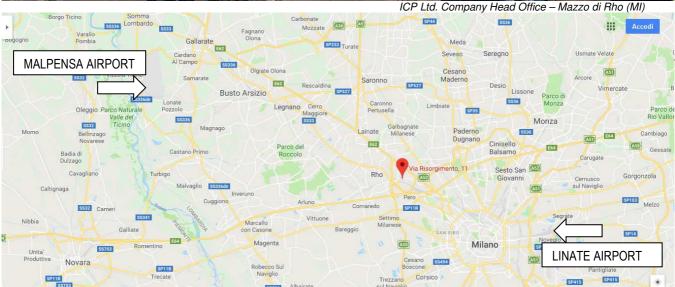
PRESENTATION

The **Industrial Cathodic Protection Ltd.**, founded in 1971, operates exclusively in the cathodic protection industry and is one of the few companies in Europe capable of designing and producing plants both "**impressed current**" such that "**sacrificial anodes**".

In both cases, the supplied materials are of our production, because our company is equipped with electrical workshop (for the assembly of power supplies and accessories in general) and foundry for the realization of any type of anodic alloy (aluminium, zinc and magnesium).

Our company in the market for over 50 years, has gained considerable experience in cathodic protection industry by providing and designing systems that have found use in many industrial installations, such as: platforms, subsea pipelines, docks, underground pipes, buried tanks, storage tanks, heat exchangers, hulls, etc.







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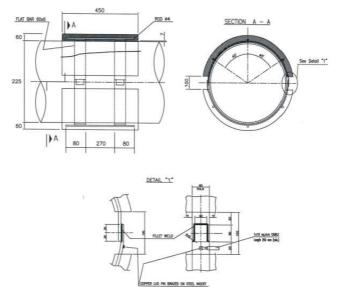
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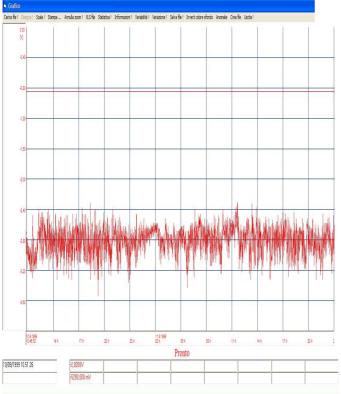
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ENGINEERING

I.C.P. Ltd. has a staff of technicians certified UNI EN 15257, can design any cathodic protection system for underground metal structures, in sea water, fresh water and concrete. Our company is able to conduct preliminary studies to provide technically sound projects, cutting-edge and costeffective, thanks to the use of equipment of last generation with useful features to provide at all times the most important basic data. investigations that The are normally conducted in order eliminate to а phenomenon of corrosion or prevent it occurs. can be summarized in:





- Preliminaries
 - 1. General information on the system
 - 2. Knowledge of the materials
 - 3. Presence of corrosive substances
 - 4. Environmental Analysis
 - 5. Presence of mechanical solicitations
- Tests on Field
 - 1. Resistivity measurements
 - 2. Measuring acidity grade of electrolyte
 - 3. Electrical status relief
 - 4. Protection testing with ON-OFF tests
 - 5. Search for the coating flaws with DCVG method
 - 6. Our activity is conducted in full compliance with UNI regulations, to the drafting of which we participate as members of the Commission "Protection of metallic materials against corrosion".



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SACRIFICIAL ANODES

The production of sacrificial anodes relates only to the realization of anode alloys of Aluminum, Magnesium and Zinc.

These alloys are able to satisfy all the electrochemical requirements, with the result to ensure the conditions for the protection of metal structures in which the anode is connected.

Our daily production capacity is able to fulfill approximately the following amounts:

- Aluminum 6000 Kg
- Zinc 4000 Kg
- Magnesium 2500 Kg

All production is controlled and managed by our Quality System, which operates in accordance with ISO 9001 Statement.

I.C.P. Ltd. has its own comprehensive chemical laboratory computerized spectrometer and tanks for the evaluation of the anode capacity.

Upon completion of each delivery, together with the materials, they are issued certificates relating to the tests carried out on samples taken directly from the production flows.

All texts are performed according to DNV-RP-B401 legislation.



In the event that our standard dimensions of the anodes do not meet customer needs, I.C.P. Itd. is able to achieve suitable moulds conform to the required.





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IMPRESSED CURRENT



I.C.P. Ltd. dimensioned and assembles any cathode ray power supply from 2 to 1000 amperes.

Our electrical workshop produces singlephase or three-phase power supplies, manual or automatic, cooled in air or in oil, with a degree of protection from IP44 to IP65 or explosion proof, floor or wall mounting, modular indoor or outdoor, assembled in containers in cabinets painted steel, stainless steel or fiberglass.

The normally prepared from stock standards covering a range that varies from 5 to 20 Amperes air cooled and from 20 to 30 amperes oil cooled.

Our versatility still allows us to realize in a short time any type of power supply to customer specification.







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Thanks to the high consumption at our factory are always available, in different sizes, anodes in Fe / Si / Cr both in normal version and a bagged version.

In addition we are also able to rapidly provide many types of anodes MMO/Titanium Activated and / or platinum both for use in sea water in the soil that.

I.C.P. LTD produces all types of reference electrodes (Cu / CuSO4, Ag / AgCl, Pure Zinc and Titanium) both in a portable version that permanent.

Based on our OFFSHORE experience we have developed an excellent monitoring system for platforms can be interfaced with standard PC and then be managed either locally or remotely.

To complete the supply of cathodic protection systems there are also all the related accessories: cables, measuring points, aluminothermic welding, metallurgical coal.











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SERVICES

The same team of technical engineering that deals with the development and production of materials for each order, is on hand to provide any assistance in site, all over the world (follow-up) to the final testing of systems. Our long experience in this business, ensures the availability of all the spare parts in time. We are available for plant management and with direct intervention in the field, or remotely with our remote remote control system GSM transmitters.

Our technical certificates UNI EN 15257 are available for specific investigations for the evaluation of corrosion phenomena on all kinds of steels and other metallic materials.

