

UNDERWATER CUTTING SOLUTIONS

Underwater cutting services on ships are mainly applied in the case of deformed blades, to ship wrecks going for scrap, to plates or pieces of plates needing replacing.

BEVALDIA (Manager of the branches PSOMAKARA & GAMSRO), with a many year experience in underwater cutting and specially trained divers who have excellent technical knowledge and extensive experience guarantees a high quality and fast result.



OXYGEN - ARC CUTTING

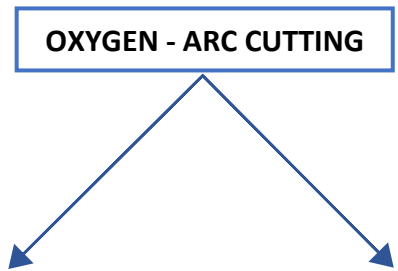
Advantages of the Steel-Tubular Electrodes

- ✓ Metals up to 2 inches in thickness can be cut.
- ✓ Cutting is performed rapidly.
- ✓ Neat, trim, narrow cuts are produced.
- ✓ The power required is within the capacity of a 400-ampere welding power supply.
- ✓ There is less electrode waste because the electrode must be in constant contact with the metal being cut to sustain an arc.

Disadvantages of the Steel-Tubular Electrodes

- ✓ The burning time of the electrode is short (approximately one minute).
- ✓ Requires good visibility because it produces a narrow gap.
- ✓ A welding machine is required.
- ✓ Higher amperage requirement

BEVALDIA (Headquarters) 124, Kifissias Ave. 15125, Maroussi Athens, Greece Tel.: (+30)2104001120 (+30)2104004470 (+30)2109582176	GREECE Piraeus, Chios Thessaloniki Kavala Alexandroupoli Neapoli-Vatika, Kali Limenas Corfu Kalamata Patra, Laurio Ag. Theodori Elefsina Chalkida Rhodes Drepano Korinthos	TOGO Lome	TURKEY Istanbul Canakkale Iskenderun	CYPRUS Limassol Larnaca	ALBANIA Detar Sarande	BENIN Cotonou	CHINA Rizhao Shanghai Hong Kong Qingdao Lianyungang	CONGO Pointe Noire	DJIBOUTI Djibouti	EGYPT El Dekheil a Suez	SINGAPORE Aepa
FRANCE Marseille	GHANA Tema	GUINEA Conakry Kamsar	INDONESIA Balikpapan	IV. COAST Abidjan	KOREA Yeosu	MEXICO Lazaro Cardenas Manzanillo Punta Manzanillo Tuxpan	PANAMA Balboa	SPAIN Palma de Mallorca	SENEGAL Dakar	TUNISI A Tunis Sfax	



- Advantages of Exothermic Electrodes**
- ✓ They will cut thin metal when the power is off.
 - ✓ Cutting is performed rapidly.
 - ✓ They will cut all ferrous and non-ferrous metals.
 - ✓ They are applicable to all metal thicknesses.
 - ✓ The power required is within the capability of a 200-ampere welding power source.
 - ✓ A 12-volt battery can be used as an ignition source.

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