



**STEAM BOILER
INDUSTRIAL BOILER
HEAT EXCHANGERS
INDUSTRIAL PLANTS**

PIPING

SPECIAL WELDING

OFF SHORE

NON DESTRUCTIVE TEST

CONSTRUCTION – INSTALLATION - REPAIR

OSMETALTEK – WELDING E BOILER SERVICES
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PASSION – COMPETENCE - PROFESSIONALISM



SECTORS OF EMPLOYMENT

- OSMETALTEK WORKS PRINCIPALLY IN THE FIELD
 - INDUSTRIAL GENERATORS
 - INDUSTRY AND ADVANCED TERTIARY
 - OIL AND GAS
 - ENERGY
 - PETROCHEMICAL
 - NAVAL
 - OFF SHORE
-
- The experience gained over the years gives us the opportunity to provide a service of interventions in places difficult to reach or subject to particular regard in terms of safety and special means. High altitude services - Naval - or places accessible only by helicopter.
 - Service in Italy and abroad. Assistance and availability 24/24. Technical consultancy intervening according to UNI EN or ASME standards
 - The main characteristic of our company is the reliability and correctness in carrying out our work.
 - Quality is guaranteed by the use of highly specialized and certified technicians and by the use of the best technical equipment available on the market. To the professional competence we add an adequate knowledge and experience in the regulatory field guaranteeing the highest quality standards in terms of construction - maintenance and safety.





INDUSTRIAL BOILER



- WE ARE SPECIALIZED IN THE CONSTRUCTION - REPAIR AND MAINTENANCE OF INDUSTRIAL AND RESIDENTIAL STEEL GENERATORS ALL THE POTENTIALS OF ANY KIND AND BRAND. OUR PROFESSIONALISM AND EXPERIENCE, THE CONTINUOUS UPDATE TO THE NEW TECHNOLOGIES PRESENT ON THE MARKET IN TERMS OF STUDY AND EQUIPMENT MAKE THE DURATION AND CONSEQUENTLY THE COST OF THE INTERVENTION IS BETTERLY LOWER TO PAST TECHNIQUES.
- TYPES OF GENERATORS
- GENERATORS TO SMOKE TUBES OR WATER TUBES FOR STEAM - HOT WATER – OVERHEATED WATER - DIATHERMIC OIL
- CONDENSING GENERATORS IN STAINLESS STEEL
- TUBE HEAT EXCHANGERS ALL DIMENSIONS AND POTENTIALS
- PLATE EXCHANGERS
- SERPENTINE GENERATORS FOR STEAM PRODUCTION
- GAS OR STEAM TURBINES
- WE ARE ABLE TO PROVIDE A "KEYWORD" SERVICE THAN STARTING FROM TECHNICAL ADVICE UNTIL YOU GENERALLY START-UP SERVICE.



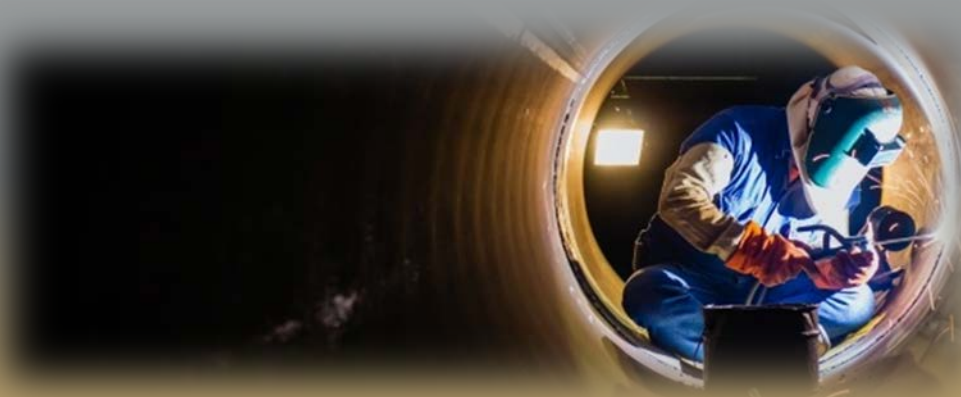
INDUSTRIAL PLANTS PIPELINE

- WE ARE SPECIALIZED IN THE CONSTRUCTION AND REPAIR OF INDUSTRIAL PLANTS, IN RESIDENTIAL SERVICE OR FOR PRODUCTION PLANTS ALSO FOR GROSS COMPLEX. CERTIFIED TO REPAIR THE PRESSURE DUCTS, WE SUPPLY A COMPLETE SERVICE FROM THE MAINTENANCE TO THE MANUFACTURING OF THERMAL HEATING SYSTEMS AND CONDITIONING OF LARGE DIMENSIONS, COGENERATION, OVERHEATED STEAM AND WATER PIPES, METHANE TUBES AND METHANE PIPE, OIL, SYSTEMS FIRE FIGHTING, HYDROELECTRIC PLANTS, DISTRICT HEATING AND ANY WORK, WHERE A HIGH QUALITY STANDARD IS NECESSARY AND CERTIFIED IN TERMS OF WELDING.
- **PIPE LINE** WE EXECUTE BUILDING OF PIPES (BACK) ANY DIAMETER AND MATERIAL FOR FLUID TRANSPORT PRESSURE AND / OR LOW TEMPERATURE - PRE-ASSEMBLED WITHOUT BACKGROUND - DISCHARGE CONDUCT. - CONDUCT FOR THE TRANSPORT OF ACIDS OR AGGRESSIVE SUBSTANCES. STUDY AND REALIZATION OF THE COMPENSATION TO THE PIPES.
- **TANKS AND COLLECTORS** CONSTRUCTION OF HIGH AND LOW PRESSURE TANKS IN CARBON STEEL OR AUSTENITHIC OF ANY DIMENSION FOR THE CONTAINMENT OF GASES OR SPECIAL LIQUIDS - SUBJECT TO VERIFICATION PRACTICES IN COMPLIANCE WITH THE DIRECTIVE 2014/68 / UE PED - DESIGN AND CONTROL ACCORDING TO THE EN ISO ASME REGULATIONS.
- HIGH AND LOW PRESSURE COLLECTORS OF ANY SIZE AND USE IN LOW TIED STEEL - AUSTENITIC - SPECIAL ALLOYS - TITANIUM ETC. PED CERTIFICATION - DESIGN AND CONTROL ACCORDING TO EN or ASME STANDARDS.
- **ESTIMATE AND PROJECT**
- WE PROVIDE A SERVICE IN TERMS OF STUDY FACILITY, ASSISTANCE AND PREVENTATION UNTIL TRUE AND THE PROJECT IN CASE IS REQUIRED BY THE CUSTOMER, ASSIGNING THE PROFESSIONALS OF THE SECTORS WITH WHICH WE WILL COLLABORATE CONTINUOUSLY.



WELDING SERVICE

- WE PROVIDE A SERVICE IN THE PERFORMANCE OF WELDING CERTIFIED MANUFACTURER WITH HIGHLY QUALIFIED PERSONNEL PREPARING RATES NOW OR IN THUMB FOR PIPES.
- **WELDING PROCEDURES.**
- WE ARE SPECIALIZED IN SMAW WELDING - TIG - MIG / MAG - GRAPHING WITH DIFFERENT CERTIFICATIONS WHICH QUALIFY THE WELDER AND THE WELDING PROCESS. THIS PERMITS YOU TO OPERATE IN INTERVENTIONS WHERE A HIGH QUALITY STANDARD IS REQUIRED IN THE QUALIFICATION OF WELDING PROCESSES OR WHERE IT IS SUBMITTED TO CND / NDT (NON-DESTRUCTIVE TEST) VT - LP - MT - UT - RX. WE PERFORM FULL WELDING PENETRATION - MULTIPASS – SHOOTING INTERNALLY ON CLASSES MATERIALS GROUP 1 STEEL NOT LINKED TO LOW C. (FE420 - S255) (1.1 - 1.2 - 1.3 - 1.4) GROUP 2 THERMOMECHANIC STEELS GROUP 3 DOMEX 690 - WELDOX 700, GROUP 7 STAINLESS STEEL AND MARTENSITIC STEELS (AISI 430 - 410) - GROUP 8 AUSTENITICS AND MARTENSITICS ALSO IN MANGANESE (AISI) GROUP 9 STEELS WITH NICKEL GROUP 10 DUPLEX SUPERDUPLEX - AUSTENOUS STEEL FERRITICS - GR5X GROUP TITANIUM ALLOYS - GROUP 2X ALUMINUM AND ITS ALLOYS - GR4X NICHEL INCONEL HASTELLOY
- **TECHNICAL**
- WE PROVIDE PROFESSIONAL EQUIPMENT AND MACHINES IN MANUAL AND SEMIAUTOMATIC PIPE PREPARATION AND WELDING WITH TIG ORBIT TES AND AC -DC GENERATORS UP TO 400 AMP
- WE EXECUTE THERMAL TREATMENTS OF PRE-POST WELDING JOINTS OR MAINTENANCE DURING THE WELDING EXECUTION





NON DESTRUCTIVE TEST - INTEGRATED SERVICES

- WE SUPPLY A SPECIALIZED SERVICE FOR NON-DESTRUCTIVE METAL AND WELDING CONTROL SPECIFIC FOR HOT AND OVERHEATED STEAM GENERATORS - DIATHERMIC OIL OF ANY POTENTIAL AND TYPOLOGY - MECHANICAL PARTICULARS - PIPE LINE - HIGHLY SPECIALIZED TECHNICIANS WITH CERTIF. II ° LIV UNI EN 473 ISO 9712 RT-UT-MT-PT-VT
- **REPAIR PRACTICES AND GENERATING DECENNIAL CHECKS**
- - WE EXECUTE ALL NECESSARY NON-DESTRUCTIVE CHECKS WITH DELIVERY OF ALL DOCUMENTATION IN ORDER TO DETERMINE THE GENERATORS 'EXERCISE CONDITIONS.
- - CHECKS AND CND WITH DELIVERY OF ALL THE DOCUMENTATION NECESSARY TO THE REQUEST OF PRACTICE INAIL FOR THE REPAIR OF GENERATORS OF ANY POTENTIAL AND TYPE.
- - CHECKS AND CND WITH DELIVERY OF ALL THE NECESSARY DOCUMENTATION FOLLOWING THE GENERATOR'S STRUCTURAL REPAIR.
- **NON-DESTRUCTIVE CONTROLS WELDING PIPE LINE**
- - WE REQUEST A SERVICE SPECIALIZED IN NON-DESTRUCTIVE CHECKING OF RX - UT - MT - PT - VT WELDING. RELEASE OF DOCUMENTS.
- - CONTROL OF SMALL MATERIALS WITH RELEASE OF DOCUMENTS
- - ULTRASONIC THICKNESS
- - ULTRASOUND CONTROL WELDING DEFECTOLOGY
- - PENETRANT LIQUIDS
- - MAGNETIC CONTROLS
- **DISTRUCTIVE CONTROLS**
- - MACRO