

**PETROCHEMICAL,
OIL & GAS & ECOLOGY
METAL CONSTRUCTION.**

QUALITY-DRIVEN. RELIABILITY-PROVEN.

ADVANCED METAL FABRICATION FOR OIL & GAS, ENERGY AND PROCESS INDUSTRY

For over ten years, we have been manufacturing high-quality industrial components for global clients operating in the Oil & Gas, energy and petrochemical sectors.

We work with a structured, engineering-driven approach based on certified quality, state-of-the-art technologies and a production vision focused on maximum reliability.

We provide our clients with flexible service and timely support, ensuring that every project is developed with precision, full traceability and strict compliance with the highest international standards.





ROMBIOLO PLANT (VV)

100.000 m²





**PORTO SALVO
PLANT (VV)**

17.000 m²



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WHO WE ARE

BM Carpenterie Oil & Gas S.r.l. is an industrial company specialized in the design, fabrication and maintenance of equipment and metal structures for Oil & Gas, petrochemical, energy and process industry applications.

Founded in 2016, the company has consolidated a competitive production model capable of combining operational speed, high technical expertise and a flexible approach to complex projects.

Thanks to a multidisciplinary team, an in-house engineering department and two production facilities equipped with advanced infrastructure, we deliver tailor-made products manufactured in compliance with customer technical requirements and applicable international standards. Our value is built on precision, control and a rigorous industrial methodology.



MISSION & VISION

INNOVATION THAT LEADS, VISION THAT INSPIRES.

A CLEAR DIRECTION AND A CONSTANT COMMITMENT TO QUALITY, SUSTAINABILITY AND INDUSTRIAL PROGRESS.

MISSION

Our mission is to operate with technical expertise, quality and reliability, continuously improving our production processes and enhancing the people who contribute to the company's success.

Every BM Carpenterie product is designed and manufactured with strict attention to materials, welding processes, inspections and final documentation, ensuring the delivery of compliant, traceable and long-lasting products.

VISION

We aim to be recognized as a global partner and a benchmark for quality, manufacturing know-how and production capability.

Our growth is based on a balance between manufacturing tradition and technological innovation: we invest in advanced machinery, digitalize our processes and promote continuous training to consistently raise our operational standards.





WHAT WE DO

METAL CONSTRUCTION FOR CRITICAL INDUSTRIAL PROCESSES.

We manufacture industrial components and systems designed for combustion processes, mass and heat transfer, and gas treatment.

Our main products include:

- COMPLETE FURNACES FOR REFINERIES
- INDUSTRIAL FLARES
- BURNERS
- STACKS AND DUCTS
- TIPS
- HEAT EXCHANGERS
- PRESSURE VESSELS
- TANKS AND STORAGE VESSELS
- INCINERATORS
- FILTER HOUSES
- DERRICKS AND MEDIUM/HEAVY STEEL STRUCTURES

We manage the entire project lifecycle:

design coordination, engineering support, procurement, fabrication, inspections, surface treatment, final documentation and worldwide delivery.



 **BM**
CARPENTERIE
OIL & GAS s.r.l.

APPLICATION SECTORS

CROSS-DISCIPLINARY EXPERTISE SERVING GLOBAL APPLICATIONS.

We support the main industrial sectors with reliable products designed for long-term performance. BM Carpenterie operates across multiple industries, including:

- **OIL & GAS** – Infrastructure for extraction, refining and gas processing
- **PETROCHEMICAL** – Chemical plants and process equipment
- **ENERGY** – Thermoelectric power plants, biomass and waste-to-energy facilities
- **WATER TREATMENT** – Structures and components for water filtration and treatment systems
- **ENVIRONMENT** – Technologies for waste treatment and sustainability-oriented applications

Our production flexibility enables us to handle projects of different scales, from single components to complex modular packages.

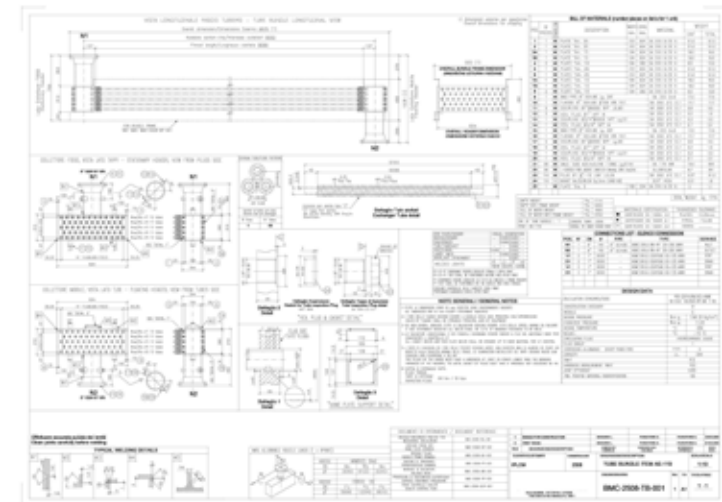
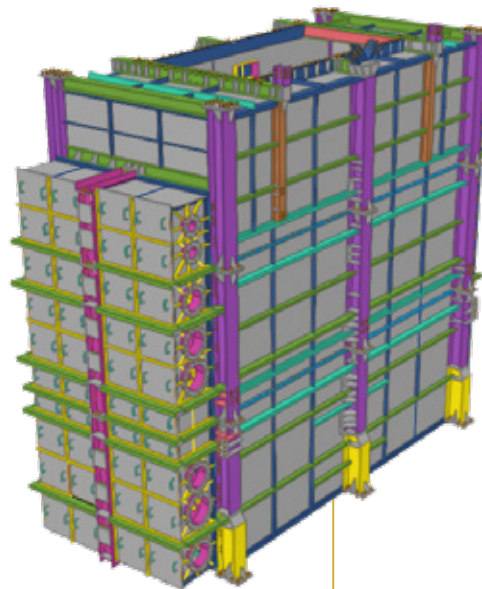
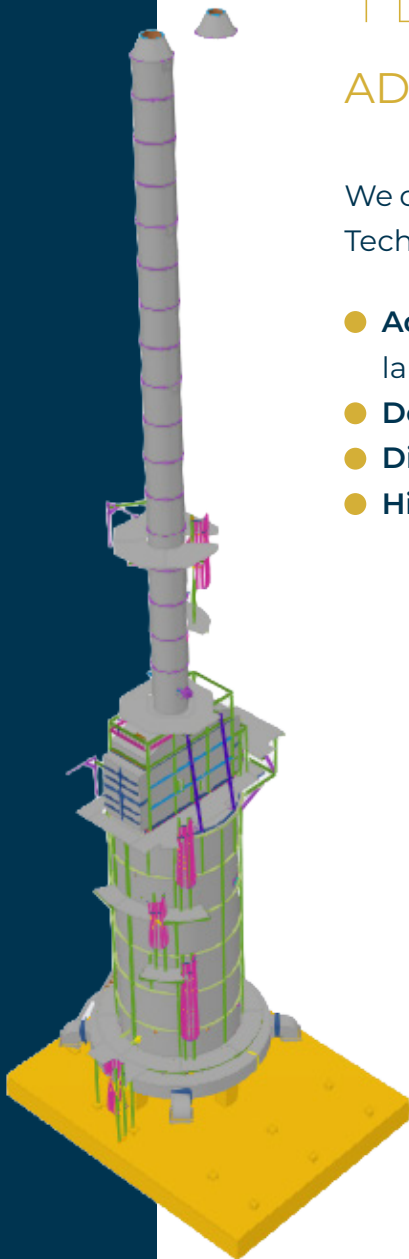


TECHNOLOGY & INNOVATION

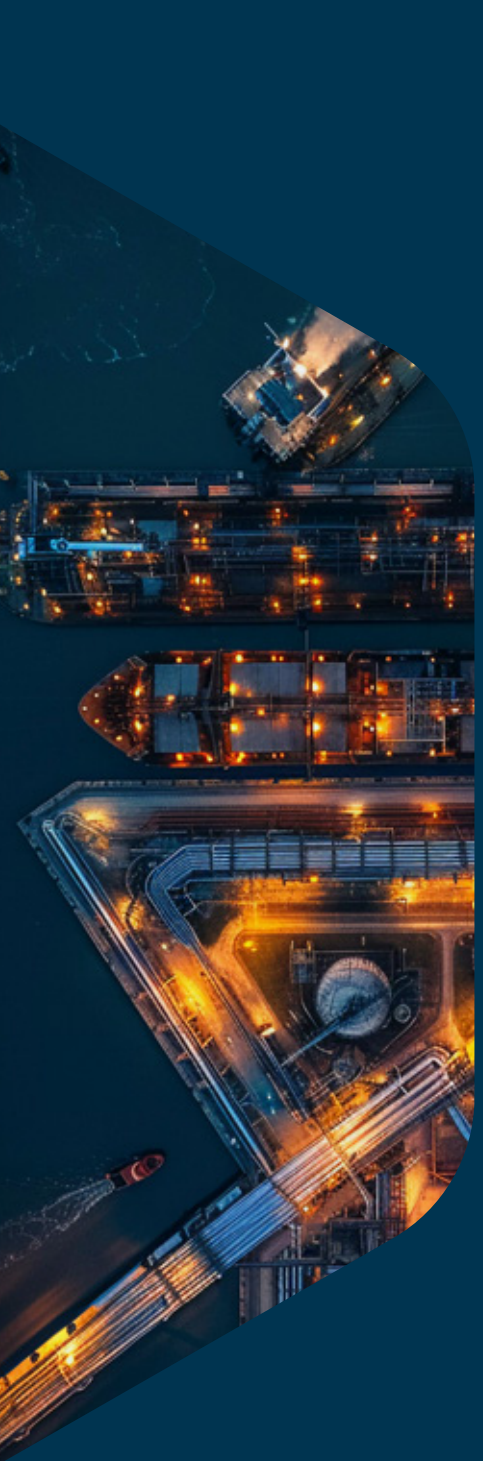
ADVANCED TECHNOLOGIES FOR EVOLVED MANUFACTURING.

We continuously invest in tools, software and methods that enhance precision, efficiency and safety. Technological evolution is a key pillar of our production model. Our ongoing investments include:

- **Advanced CNC machinery and welding systems**, enabling high-precision fabrication even on large-scale components
- **Design software and 3D modeling tools** for technical modeling, analysis and data integration
- **Digital production control systems** to monitor phases, workflows and critical parameters
- **High-reliability quality control instrumentation** for mechanical and chemical-physical testing







QUALITY PHILOSOPHY

INTEGRATED QUALITY, TOTAL CONTROL.

Every detail is verified, traced and certified in accordance with international standards. Our quality system is designed to ensure high performance at every stage of the production process. **Key activities include:**

- *Incoming material inspection and qualification*
- *Dimensional and documentation checks during production*
- *Supervision of welding processes and qualified procedures*
- *Internal and external non-destructive testing activities*
- *Complete preparation of final documentation (databook)*
- *Continuous evaluation of suppliers and outsourced activities*

Quality is an integral part of our corporate culture, not merely a regulatory requirement.

SUSTAINABILITY

RESPONSIBILITY TODAY, A BETTER FUTURE TOMORROW.

We reduce environmental impact, optimize resources and adopt processes that protect both the environment and the surrounding territory. We promote responsible manufacturing focused on minimizing environmental impact. **Key actions include:**

- **Efficient use of energy resources**
- **Waste reduction and optimization of production cycles**
- **Adoption of low-impact processes**
- **Responsible management of industrial waste**

Sustainability represents a strategic value and a long-term commitment to the territory.

CERTIFICATIONS

CERTIFIED STANDARDS, RECOGNIZED QUALITY.

Our ASME and ISO certifications ensure compliance, safety and global reliability. We are qualified in accordance with the main international standards, including:

- **ASME S STAMP**
- **ASME U STAMP**
- **ISO 9001:2015**
- **EN 1090-2018**
- **EN 3834-2**

These certifications attest to our manufacturing capability and full compliance with international regulations.







ORGANIZATIONAL STRUCTURE

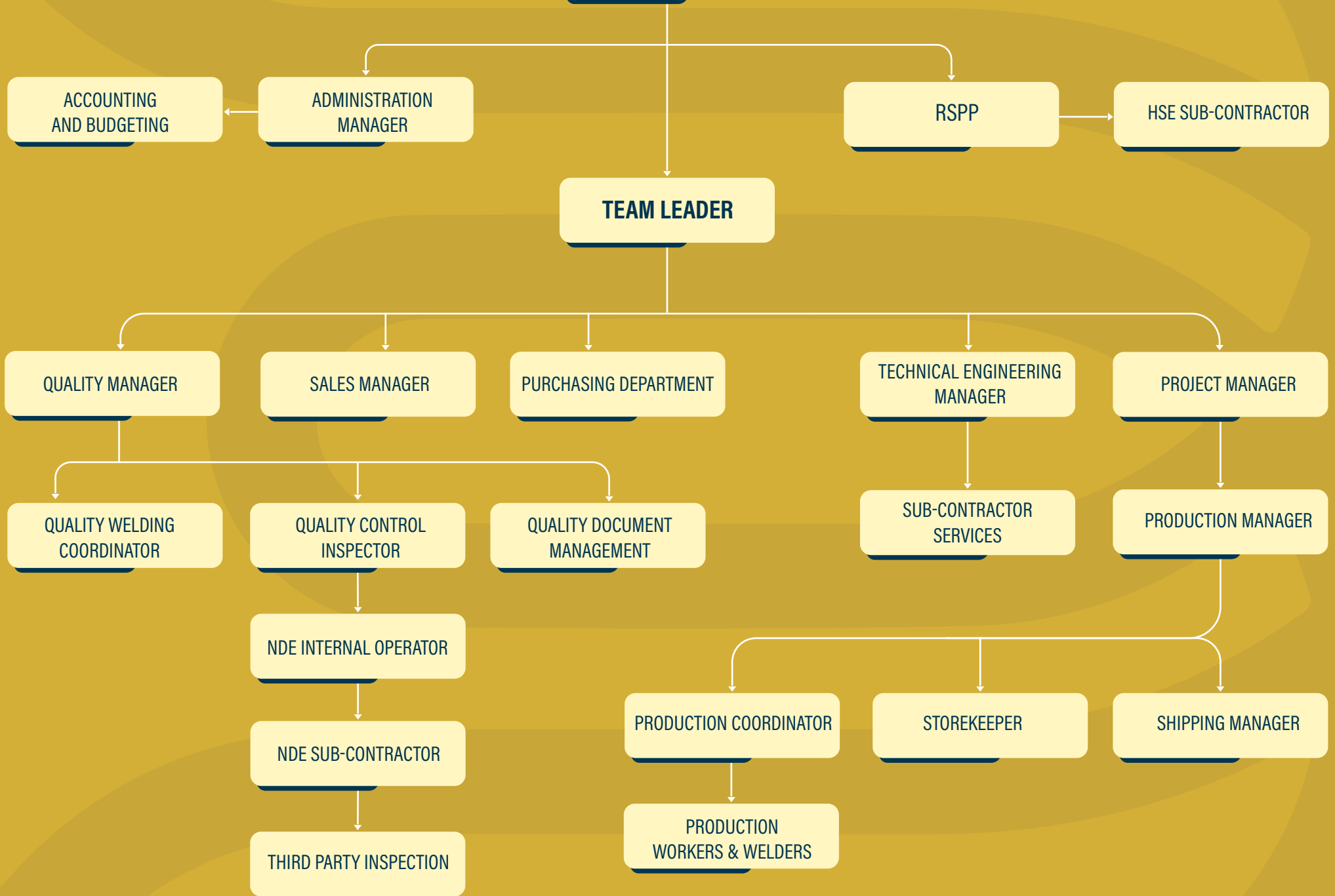
A SOLID ORGANIZATION SERVING EXCELLENCE.

Coordinated teams, clear roles and integrated processes ensure precision and operational continuity. Our organizational structure is designed to guarantee control, efficiency and effective operational coordination. *The structure includes:*

- General Management and Executive Leadership
- Project Management and Technical Coordination
- Technical Office / Engineering Support
- Production and Specialized Departments
- Quality Control and NDT
- HSE and Safety
- Logistics and Shipping
- Administration, Finance, Procurement and Sales

Each department operates with clearly defined responsibilities and integrated methodologies.

GENERAL DIRECTOR







COMPLETED PROJECTS

PROJECTS EXECUTED WITH RIGOR, DELIVERED WITH PRECISION.

FROM CONCEPT TO PRODUCT: PERFORMANCE THAT SPEAKS FOR ITSELF.

Every project delivered by BM Carpenterie is the result of a rigorous production process based on control, precision and industrial responsibility. We operate in accordance with international standards, ensuring full traceability, high execution quality and complete regulatory compliance at every stage.

Our projects are designed to operate in complex industrial environments and are manufactured and distributed worldwide, supporting plants and infrastructure across global markets. A solid, reliable and performance-oriented manufacturing approach makes BM Carpenterie a recognized industrial partner on an international scale.



EGYPT

ZOHR GAS FIELD – SONATRACH / COBRA / ENPPI
AIR COOLER STEEL STRUCTURES

ASSIUT HYDROCRACKING COMPLEX – ENPPI / ANOPC
AIR COOLER STEEL STRUCTURES (95 TONS)

ASSIUT HYDROCRACKING COMPLEX – ENPPI / ANOPC
AIR COOLER STEEL STRUCTURES (60 TONS)

SUEZ – NASR PETROLEUM / PETROJECT
COMBUSTION CHAMBER

QALYOUBIA – KT / ENPPI
FLUE GAS DUCTS & AIR DUCTS

NORWAY

KOLLSNES – WOOD GROUP NORWAY / EQUINOR
STEEL STRUCTURES FOR AIR COOLER

KOLLSNES – WOOD GROUP NORWAY / EQUINOR
TUBE BUNDLE FRAMES & STRUCTURES

ZEELAND REFINERY (NL) – EQUINOR SUPPLY
AIR COOLER STRUCTURES

NORWAY – SMS GROUP / MECHANICAL WORKS
TUBE BUNDLES FABRICATION

GASCO / ENPPI – NORDIC REGION SUPPLY
AIR COOLER & DUCTING SYSTEMS

MIDDLE EAST – UAE & AREA GCC

ABU DHABI – ADNOC (DALMA GAS DEVELOPMENT)
3 PRESSURE VESSELS – ASME U STAMP

QATAR – RAS LAFFAN (QATAR ENERGY LNG)
NR 1 DERRICK + L&P

DUBAI – GREEN FUTURE BATTERY
RECYCLING
STEEL STRUCTURES

KUWAIT / MIDDLE EAST EPC
AIR COOLER STRUCTURES & MODULARIZATION

BRUNEI / ME SUPPLY CHAIN
HOT OIL HEATER & CONVECTION COIL
PREFABRICATION

SAUDI ARABIA

ZIMIPCO – FBM-HUNDSON ITALIANA
AIR COOLED HEAT EXCHANGER

SAUDI ARABIA – SARL SAMPHI
AEROREFRIGERANT

TOTAL SERIKANDI KENT ENERGY – BRUNEI
PROJECT WITH SAUDI SUPPLY
STEEL STRUCTURES FOR AIR COOLERS

ENI / TECHNIP
COMPONENTS SUPPLIED FOR MEA REGION

VARIOUS EPC (KBR / TECHNIP / KT)
DUCTING & COLD VENT SYSTEMS

ITALY

FPSO FIRENZE – SAIPEM / ENI
NR 3 COMBUSTION CHAMBERS

RAFFINERIA BUSALLA – ILOM S.P.A.
STEEL STRUCTURES FOR AIR COOLER

RAVENNA – ENCORE THERMOENGINEERING
COMBUSTION CHAMBER (FIREPROOFED) + CONDUIT

OSOPPO – B&W SPIG S.P.A.
AIR COOLED HEAT EXCHANGER

BIORAFFINERIA DI LIVORNO – THERMO EUROPE/ENI
AIR COOLER STRUCTURES

USA

TEXAS – FIVES / ITAS
AIR COOLER STEEL STRUCTURES

USA – THERMO EUROPE
AIR COOLER STRUCTURES

USA – ENI / TECHNIP ENERGIES (BIOFUEL FACILITIES)
FABRICATION OF DUCTS & STRUCTURES

US OFFSHORE / OIL & GAS OPERATORS
PRESSURE PARTS PREFABRICATION
MODULES

US ENERGY PROJECTS – MULTIPLE EPCS
TUBE BUNDLES & HEAT EXCHANGERS

SINGAPORE

NESTE SINGAPORE – TECHNIP ENERGIES
CONVECTION MODULES PREFABRICATION P11

NESTE SINGAPORE – TECHNIP ENERGIES
FLARE STACK + WATER SEAL DRUM + MOLECULAR SEAL

SINGAPORE ENERGY SECTOR – EPC
STEEL STRUCTURES FOR AIR COOLERS

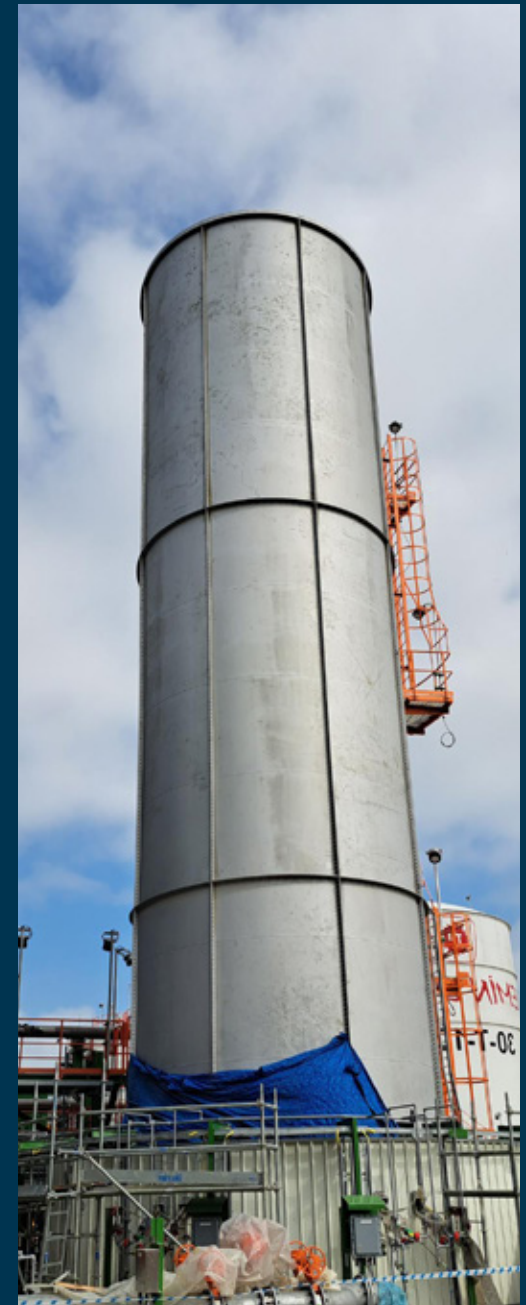
SINGAPORE – INTERNATIONAL REFINERIES
TUBE BUNDLES & PLATFORMS

SINGAPORE BIOFUEL PROJECTS
DUCTING + ANCILLARY STEEL STRUCTURES

FURNACES FOR REFINERIES



COMBUSTION CHAMBERS



AIR COOLER AND TUBE BUNDLES



BURNERS AND INCINERATORS



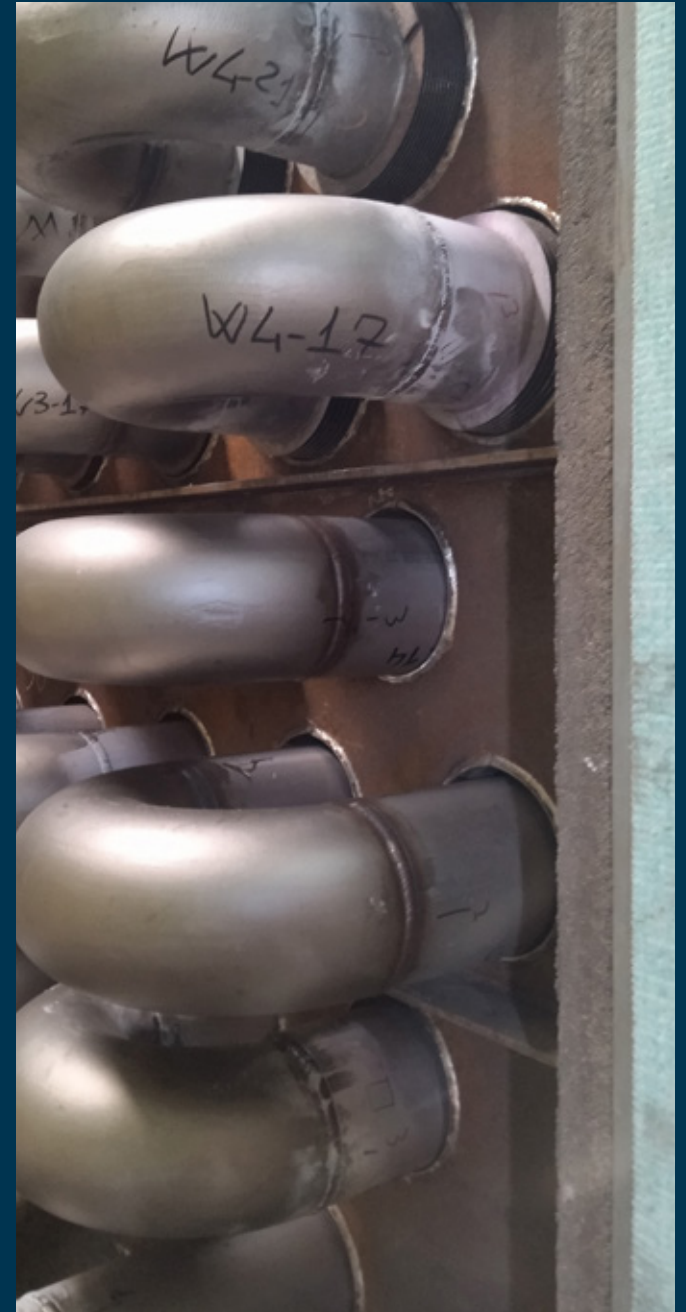
PRESSURE VESSELS



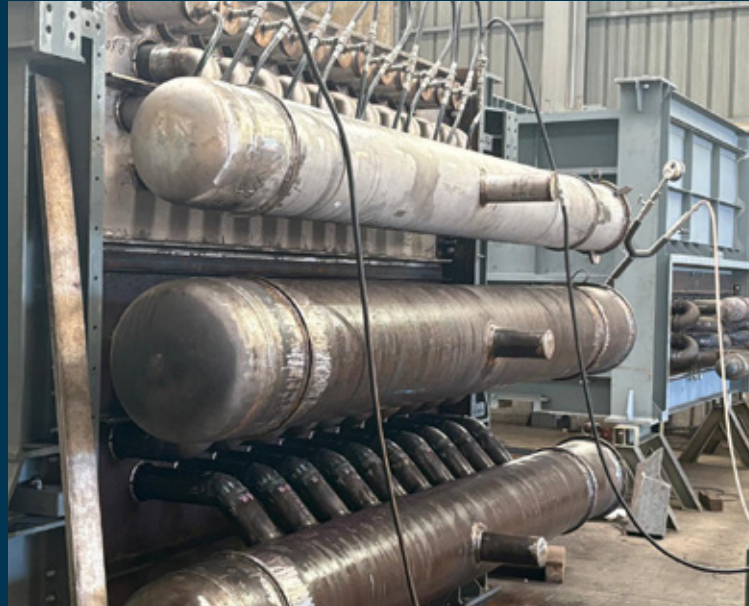
FLARE/VENT SYSTEM



COILS PREFABRICATION



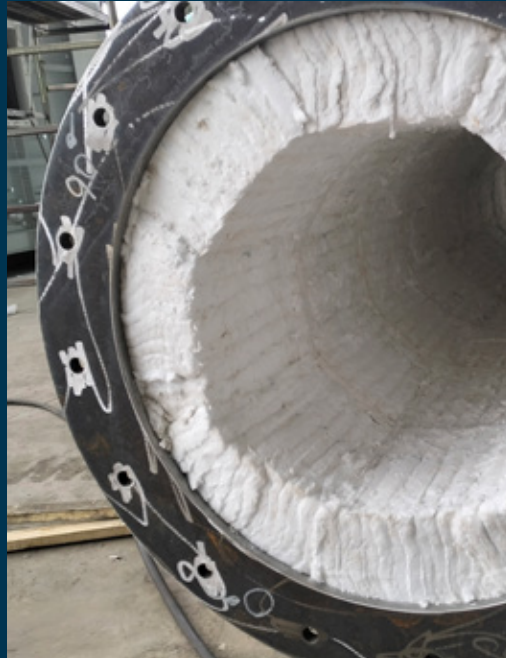
COILS PREFABRICATION



SKIDS



REFRACTORY INSTALLATION AND INSULATING



POST WELD HEAT TREATMENT (PWHT)

BMC is specialized in performing PWHT both in furnaces and locally on fabricated Pressure Vessels, Pressure Piping, Storage Tanks, and other components made of Carbon Steel and Alloy Steel.

This process enhances weld microstructure and reduces residual stresses developed during welding.

PWHT is carried out by highly qualified and experienced personnel in compliance with various international standards.

PWHT IN FURNACE

Technical Data:

Dimensions (W x H x L): 5 x 5 x 14 m

Fuel supply: LPG

Power supplied by: 22 burners

K-Type Thermocouples

Temperature recorder with 24 channels



LOCAL PWHT

Technical Data:

Equipment Model: 100 BT6 COMPACT (SICORT)

Maximum rated power: 100 KVA

Maximum output voltage: 80 V

6 Independent outputs, 16.6 KVA each

1 Microprocessor digital programmer

6 Microprocessor temperature regulators

1 Hybrid configurable temperature recorder

K-Type Thermocouples



NON DESTRUCTIVE TESTING (NDT)

Non Destructive Testing are performed in house by qualified Lev. 2 personnel (ISO 9712 and ASNT).

BMC IS ABLE TO PROVIDE:

MT
PT
UT (Conventional)
RT (X-ray & Gamma ray)

ALSO PERFORMS:

Hardness Testing
PMI (by XRF & OES instruments)



SURFACE TREATMENT

BMC Srl is equipped with modern rooms for Sand Blasting (metallic grit for CS and Corundum for SS), Painting, Pickling and Passivation. All process phases, from the measure of environmental conditions to the check of paint DFT are controlled.



SURFACE TREATMENT





TESTIMONIALS & PARTNERSHIPS

THE TRUST OF GLOBAL LEADERS IS OUR STRONGEST CREDENTIAL.

SOLID PARTNERSHIPS, MEASURABLE RESULTS.

We collaborate with leading international players in the Oil & Gas, petrochemical and energy sectors. Each project represents tangible confirmation of our technical reliability and our ability to meet schedules, specifications and global standards.

Over the years, we have built long-term relationships with EPC contractors, refineries, OEMs and engineering companies that recognize BM Carpenterie as a competent, flexible and solution-oriented industrial partner.





Knowledge grows





PRODUCTION FACILITIES

TWO MANUFACTURING HUBS DESIGNED TO ENSURE CAPACITY, EFFICIENCY AND SPEED.

MODERN INFRASTRUCTURE FOR PROJECTS OF ANY SCALE.

BM Carpenterie's production facilities integrate extensive manufacturing areas, specialized departments and advanced equipment for the fabrication of complex components.

● **Rombiolo Plant (VV)**

Total area: 100,000 m²

Covered area: 60,000 m²

Open yard: 40,000 m²

● **Porto Salvo Plant (VV)**

Total area: 17,000 m²

Covered area: 7,000 m²

Open yard: 10,000 m²



Both facilities are designed to ensure an efficient production flow, provide high handling capacity and optimize delivery lead times.





VIBO MARINA
PORT

This aerial photograph shows the Vibo Marina Port area. A red dashed line outlines a large industrial zone containing numerous warehouses and buildings. A red location pin is placed on the coastline in the upper right. In the lower left, another red location pin is placed near a specific industrial facility, which is outlined with a solid red line. The facility includes a large white warehouse with a blue logo and a smaller orange-roofed building. The surrounding area includes residential houses, green fields, and a road.

 **BM** CARPENTERIE
OIL & GAS S.R.L.



LOGISTICS & SHIPPING

STRATEGIC LOCATION, FAST SHIPMENTS,
LARGE VOLUME HANDLING.

EVERY COMPONENT ARRIVES WHERE IT IS NEEDED, ON TIME.

Our proximity to major maritime and land logistics hubs allows us to efficiently manage national and international shipments, including oversized and out-of-gauge components.

LOGISTICS ADVANTAGES:

Proximity to the ports of Vibo Valentia and Gioia Tauro

Fast road and rail connections

Capability to handle extra-large and out-of-gauge cargo







WE ARE READY TO SUPPORT YOUR PROJECTS.

CONTACTS

Headquarters – Main Workshop:

Zona Industriale snc - 89841 - Rombiolo (VV) - Italy

Secondary Workshop:

Zona Industriale - SS 522 Km 14+0,850| 89811 Porto Salvo (VV) - Italy

Registered Office: Via Dogana , N 3 20123 Milano (MI) - Italy

Tel.: +39 (0) 963-544910

Email: info@bmcarpenteriesrl.com

www.bmcarpenteriesrl.com