



MNB Technical Support, is a Company that offers Technical Support Services, starting from a project kick-off up to final customer ´s delivery of the product.



Our experience, our best asset

MNB TECHNICAL SUPPORT



FOUNDED IN 2012

We are a company with wide experience in the area of metal industry products, in all its varieties (raw material, processes, test, etc.)



SINCE 2000

Our roots started in the wind energy sector, in the year 2000. We currently serve to wind energy, railway and industrial sectors in general.



PURPOSE

Our purpose is to satisfy our customer needs.



We work with him

WIND ENERGY INDUSTRY

We have specialized in solutions for the wind sector since our inception. Our work hand in hand with leading representatives of the sector, places us in a privileged position to offer innovative answers.

We also work with

RAILWAY INDUSTRY

All our extensive experience in the railway sector translates into a global, integrated and unique vision in the area of traction equipment.



In general, we also work with the

INDUSTRIAL SECTOR

Ready for formidable challenges. The sector develops key activity for today's society. It is in an accelerated process of transformation towards a new model. Customers are shifting their priorities and paying more and more attention to trends with long-term impact.



We make our knowledge and experience available to our clients to support their companies in improving process safety, guaranteeing compliance with the required requirements, designing and improving the organization's management systems and supporting them in regulatory documentary compliance.

María Nieves Bravo is a Company that offers Technical Support Services in:

1

TECHNICAL SUPPORT ON METALLIC MATERIALS, RAW MATERIAL, HEAT TREATMENTS AND DIMENSIONAL CONTROLS ANALYSIS

2

SEARCH, DEVELOPMENT AND SUPPLIER'S AUDITING

3

DESTRUCTIVE TESTING (DT) AND NON-DESTRUCTIVE TESTING (NDT)

4

INSPECTIONS AT SUPPLIER'S SITE

5

DOCUMENTARY CONTROL



1

Service

TECHNICAL SUPPORT ON METALLIC MATERIALS, RAW MATERIAL, HEAT TREATMENTS AND DIMENSIONAL CONTROLS ANALYSIS

We give support on the development of product specifications, raw materials and manufacturing processes

- ◆ **STEEL:** Forging, laminated steel, die stamping, Rolling, etc.
- ◆ **IRON CAST:** Laminar, Nodular, ADI
- ◆ **HEAT TREATMENTS:** Steels (stabilized, hardening, tempering, carburization, nitriding, chrome plating..); Iron foundries (Stress release, Ferrite, Perlite...).
- ◆ **WELDING, STRUCTURAL CALCULATIONS AND PROCESS QUALIFICATIONS, VALIDATED BY EWF**

Dimensional control

- ◆ **CASTING SCANNING**
- ◆ **CMM MEASUREMENTS**
- ◆ **GEAR TEETH PROFILE MEASUREMENTS**

CONTACT:



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Service

SEARCH, DEVELOPMENT AND SUPPLIER'S AUDITING

We offer our expertise in finding suppliers adapted to your needs

- ◆ **SEARCH OF SUPPLIERS:** We offer our expertise in finding suppliers adapted to your needs
- ◆ **SERVICE FOR DEVELOPING POTENTIAL SUPPLIERS:** With our technicians and the customer specifications, we develop projects for a good optimization on quality/price products.
- ◆ **SERVICE FOR AUDITING SPECIAL PROCESSES:** Such as iron casting, forging, case hardening, and grinding of toothed gears.
- ◆ **SERVICE FOR PERFORMING QUALITY SYSTEM AUDITS TO SUPPLIERS:** According to ISO 9001:2015.

CONTACT:

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Service

DESTRUCTIVE TESTS AND NON-DESTRUCTIVE TESTS

- ◆ **WE OFFER DESTRUCTIVE TESTING SERVICE:** In Approved Laboratories according to ISO / ICE 17025. All kinds of mechanical and structural tests
- ◆ **ANALYSIS OF FRACTURES:** On metallic materials and welded components.
- ◆ **NON-DESTRUCTIVE TESTING:** With minimum accreditation of Level II according to ISO 9712 for: Visual inspection, Magnetic particles, Ultrasound. Approved laboratory according to ISO / ICE 17025 for Radiographs.
- ◆ **VARIOUS TESTS:** Such as Hardness tests, Painting related uring Thickness of paint, etc

CONTACT:



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Service

SEARCH, DEVELOPMENT AND SUPPLIER'S AUDITING

The importance of good inspections at the supplier

With a goal of obtaining parts that fulfill the customer's requirements, we have means and inspectors to perform inspections at supplier's sites, for all the tests described above. If needed, we offer third party laboratory services (always homologated), which can also perform at supplier's site.

We believe in the importance of good inspections at the supplier, to avoid future problems that could affect the final customer.

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Technical DOCUMENTARY CONTROL

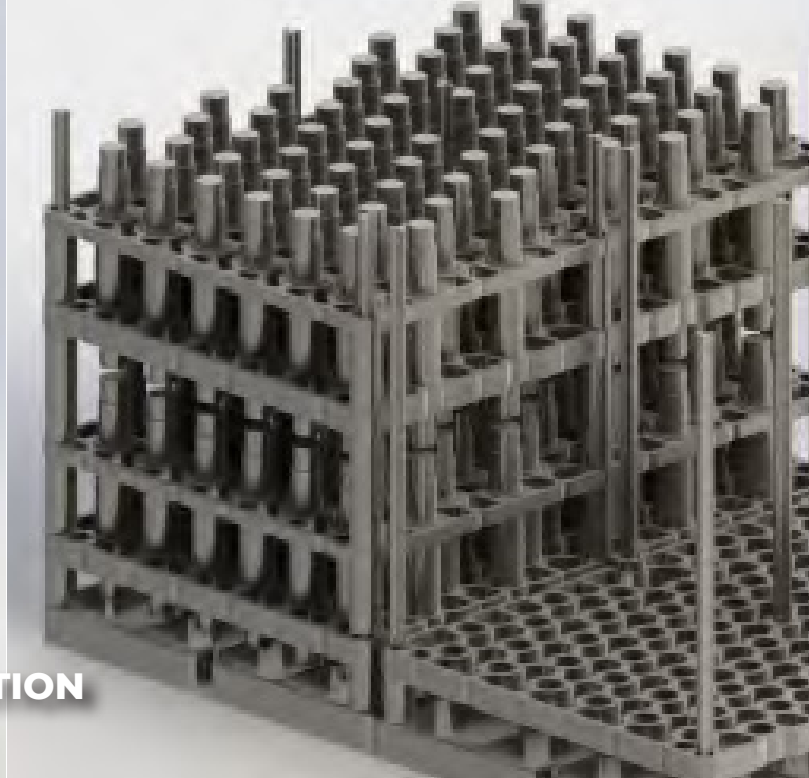
We provide support in the control review and document interpretation

We provide support in the control, review and document interpretation, of all types of certificates according to EN 10204, for metallic materials with their related processes, delivered by the suppliers.

CONTACT:



Service
PRODUCT REPRESENTATION



Industrial Products & Casting Parts

HEAT TREATMENT FIXTURES

Heat Treatment Fixtures for Continuous Gas Carbourising that we offer is available in various specifications and sizes. We offer these Heat Treatment Fixtures as per the requirement of our valuable clients. These Heat Treatment Fixtures are highly durable and have wide application in various machinery sectors. These are designed in order to meet the requirement of several machine manufacturing industries.

- ◆ Charge Basket & Carriers
- ◆ Heat Treatment Fixtures

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MARÍA NIEVES BRAVO BECERRA

Process Engineering

Materials and Heat Treatments

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