



ENDZAYA

— ENSAIOS & INSPEÇÕES LTDA —

**Excellence in Industrial Inspection
and Non-Destructive Testing**

Service Portfolio

AREAS OF EXPERTISE

END Zaya, has more than **30 years** of knowledge and experience in quality control.

Operating mainly in the **naval, oil and gas, offshore, energy, industry, petrochemical and refinery, and metallurgical and steel segments.**

MISSION

Ensure quality service provision in the area of non-destructive testing and inspections, focusing on excellent service and customer satisfaction.

VISION

To be a reference company in the market in which it operates, focusing on continuous improvement.

VALUES

Ethics, credibility, sustainability, social responsibility, commitment and human appreciation.



A END ZAYA

END Zaya, an engineering company specialized in **Industrial Inspection and Non-Destructive Testing**, founded in 2023, was created from the desire of the partners to combine their more than 30 years of knowledge and experience in control quality.

Its difference lies in the expertise of its two partners, both mechanical engineering, in providing qualified services of Inspections, Non-Destructive Testing and technical guidance.

Serving both the Brazilian and International markets, it provides customers with efficient, fast and specialized service.



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SERVICES

We carry out evaluations, measurements and non-destructive tests with state-of-the-art equipment. All this with a team of professionals with high technical capacity. Through our effort and commitment to meeting the deadlines established by our customers for each service, we are conquering our space in the Brazilian and international markets every year. Our team provides services without difficulty any day of the year, including holidays.



CONVENTIONAL NON-DESTRUCTIVE TESTING

01.

PENETRANT TESTING (PT)

A method developed to detect open discontinuities of non-porous solid materials surface.

02.

MAGNETIC PARTICLE TESTING (MT)

Method used to detect surface and sub surface discontinuities in ferromagnetic materials. Defects such as cracks, cold joints, inclusions, cold drop, double lamination, lack of penetration, folds, segregation, etc. are detected by this method.

03.

THICKNESS MEASUREMENT (UTM)

Ultrasonic test used in industrial areas to verify the thickness of equipment, structures, components and piping using industrial ultrasound.

04.

WELDING ULTRASOUNDING (WU)

Non-destructive test that evaluates the weld bead and the base metal with documentary record in digital file indicating the location of discontinuities and defects, if any.

05.

VISUAL TESTING (VT)

One of the oldest activities in the industrial sectors and the first Non-Destructive Testing applied to any type of part or component, being associated with other material tests. Furthermore, it is an important resource in checking dimensional changes, surface finishing standards and observing visual surface discontinuities in materials and products in general, such as cracks, corrosion, deformation, alignments, cavities, porosity, assembly of mechanical system and many others.

06.

STRUCTURAL OUTLINING

Outlining of areas in substantial corrosion and/or to be replaced, properly represented in drawings with exact location, dimensions and the calculation of steel weight.



CERTIFICATIONS AND HOMOLOGATIONS



OUR MAIN CUSTOMERS

A **END ZAYA** has large experience in serving various companies in Brazil and abroad, providing all our customers with the quality of our services.



CONTACT

Contact us through one of the channels below or through our website:

www.endzaya.com.br

We look forward to assisting you with anything we can!



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