

Industrial Inspection Services

Conceptia carries out a wide range of non-destructive testing (NDT). NDT is carried out at any stage of a mechanical product's lifecycle, from the development process through to testing end products prior to delivery. We can also perform tests while the product is in use or after it has been repaired. At Conceptia, our NDT personnel are highly qualified specialists, holding qualifications and certifications to NDT Level III. We test a wide range of materials, from raw materials such as sheet, plate, bar, pipes and paints and cables, to fully finished components.



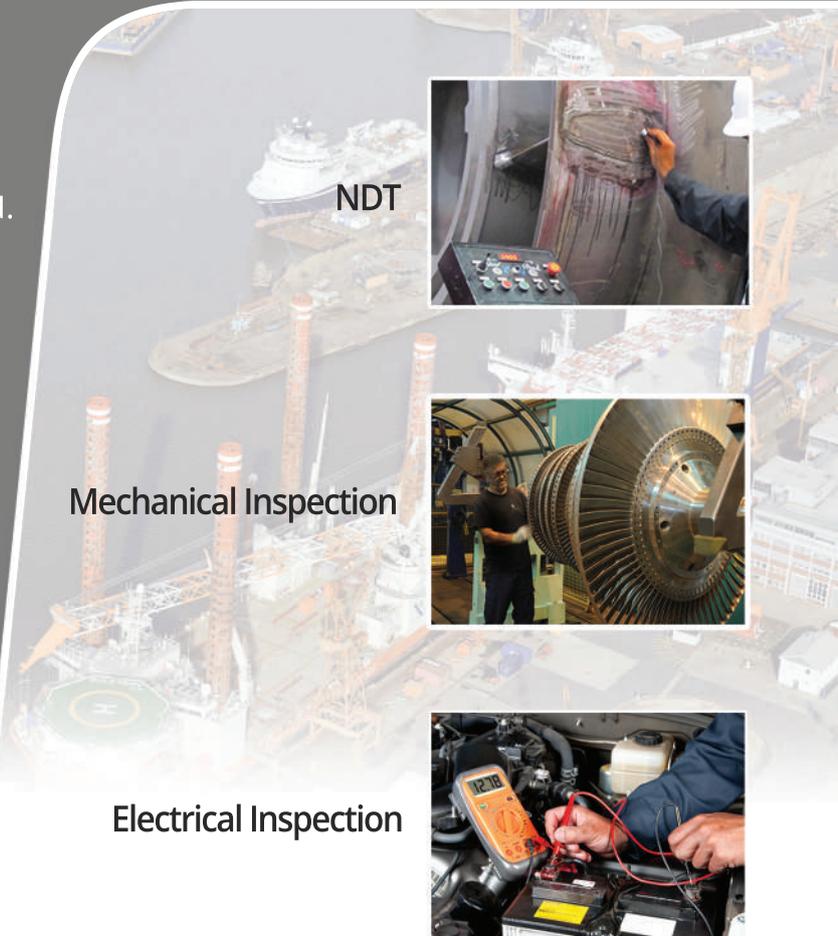
Weld Inspection



Ship Inspection



Paint Inspection



NDT

Mechanical Inspection

Electrical Inspection

Non-destructive testing capabilities

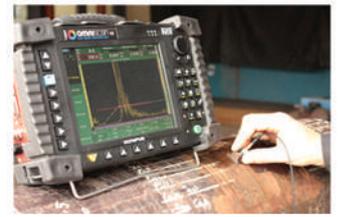
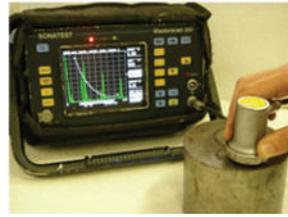
Our NDT services include: gamma ray, x-ray, ultrasonic (including immersion), C-Scan, dye penetration, Visual, radiography, field services, structural steel inspection and Magnetic Particle Inspection (MPI).

Utilizing multiple non-destructive testing techniques

NDT techniques are a combination of different methods that need to be chosen on a case-by-case basis to achieve the best result possible. At Conceptia, we frequently combine several different testing methods for the same test sample. This technique of combining different testing methods is due to a deep understanding of the limitations of a particular method to detect flaws.

Our non-destructive testing services include:

Ultrasonic Testing (UT), including C-scan, Immersion (IUT), Phased Array



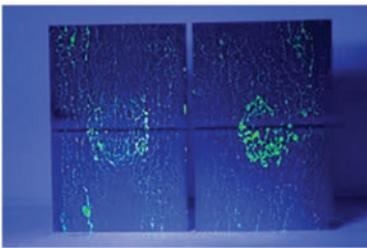
Radiographic Testing (RT, Radiography, X-ray) including Gamma Ray



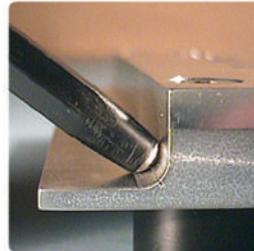
Magnetic Particle Testing (MT)



Liquid Penetrant Testing (PT)



Eddy Current Testing (ET)



Visual and Optical Testing (VT)



Leak Testing (LT, Leak Detection)



Our skills and experience:

Conceptia recognizes the importance of having qualified and highly trained technical staff to oversee our NDT procedures. We adhere to clearly defined certification systems that have been established to guarantee the highest possible standards of expertise on the part of Conceptia personnel

Some of the areas where we can provide non-destructive testing:

- > Practical testing
- > Selection and implementation of testing methods
- > Development and implementation of suitable testing methods
- > Preparation of guidance documentation for testing processes
- > Training of testing personnel
- > Technical advice and level III support

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