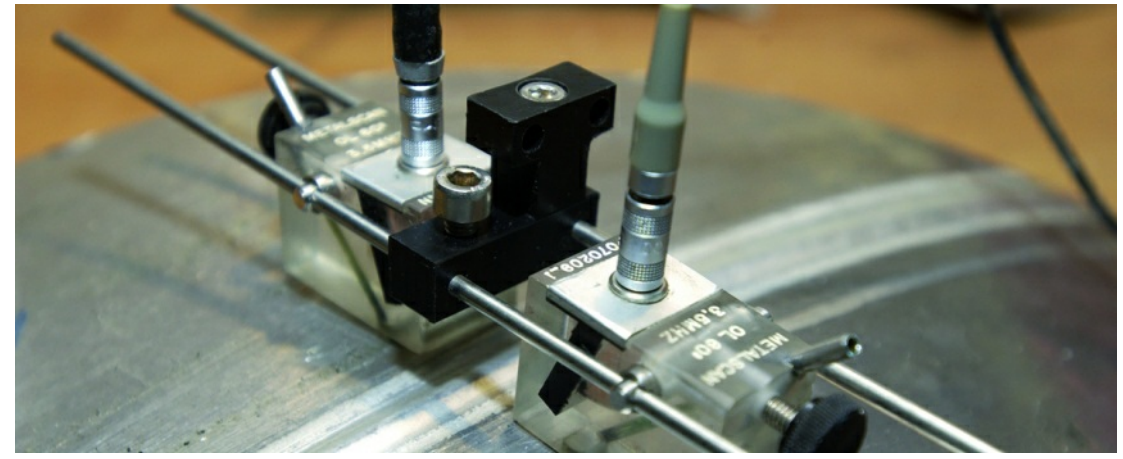


EXPERTISE IN NON-DESTRUCTIVE TESTING

NDT, as a preventive measure, according to regulations or subsequent to a failure



Your expectations

Are you looking to automate/robotise the testing of your production, inspect your equipment or have an external opinion about a metallic, composite or multi-material product? Do you need:

A solution to automate or robotise the “in line” testing on one or more stations of a production line?

A solution to detect or characterise defects?

An expert investigation or a confidential second opinion from a neutral organisation?

To have standard tests carried out by certified technicians?

To comply with standards and codes or update your compliance?

Our solutions

Cetim can provide you with support over all or part of a comprehensive value chain ranging from the determination of functional and organic specifications to an “industrial” testing solution

Based on an analysis of your requirements, recommendations regarding the most appropriate testing method, from amongst a panel of conventional or innovative techniques including ultrasonic imaging, TOFD, ultrasonic phased array testing, active infrared thermography and guided waves.

The performance of feasibility tests using numerical simulation or models, design of testing equipment, probes, supports, optimisation of testing parameters via simulation or on standard parts

The preparation of specifications for the automated testing system, identification of suppliers, monitoring of performance, acceptance, support and training for your staff

The design and optimisation of tests using simulation software

The performance of tests by COFREND-certified technicians (CIFM and COSAC) in methods such as penetrant testing, magnetic particle testing, ultrasonic testing, Eddy current testing, acoustic emission testing and X-ray testing.

Your benefits

Methods specifically tailored to your context, as several testing methods can be used during the same service

Deliverables: an automated/robotised testing system, a detailed and explicit report with potential proposals for corrective actions (failure analysis, redesign, etc.)

Cetim is an independent result-oriented organisation



Question and Answer Service
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