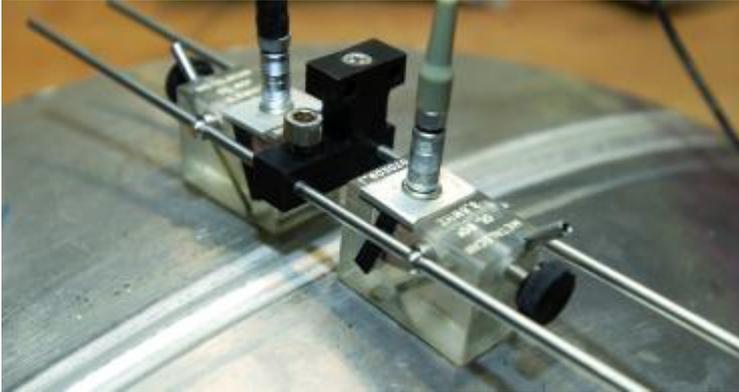


Expertise in non-destructive testing

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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