

FAILURE OF BOLTED, WELDED, RIVETED OR ADHESIVE BONDED ASSEMBLIES



Understand the origin of failure for robust assemblies

Your expectations

Having experienced an assembly failure, you need an expert to:

- Understand why your bolted, riveted, welded or bonded assemblies experience failures
- Understand possible degradation mechanisms
- Exploit reports to implement durable and corrective solutions
- Receive support in setting up a repair and/or redesign protocol

Our solutions

Propose and carry out a factual, exhaustive and multidisciplinary investigation, based on all the observations and parameters relating to the failure:

- On-site diagnostics
- Analysis of the failure, taking into account operating conditions and the environment of the component/structure
- Search for any design, manufacturing or implementation faults
- Laboratory resources for validating characteristics
- Simulation resources to confirm damage hypotheses
- Advice and support for failure resolution and redesign

Your benefits

- External expertise in understanding failure phenomena (objectivity of analysis)
- An understanding of the causes and mechanisms of failure
- Robust, proven and pragmatic solution
- The ability to find the causes in an emergency situation
- Cetim, independent and neutral technical centre, is a leader in the analysis of mechanical behaviour in operation
- Support via Cetim Academy® training courses which can be customised, and which benefit from Qualiopi® certification



Question and Answer Service
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