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Non-Destructive Materials Testing

Non-destructive materials testing examines a variety of materials and components for the presence of potential flaws and defects through non-intrusive measures.
The terms NDT (non-destructive testing) and NDE (non-destructive examinations) in materials testing cover a variety of examinations: radiography, ultrasonic, magnetic particle, eddy current, dye penetrant and visual testing. Through the effective use of various non-destructive testing techniques, clients may identify potential areas of concern prior to a system failure developing.

THE Applus+ SOLUTION

The materials testing laboratories at Applus+, regarded as one of the largest and most proficient NDE suppliers in the world, has an array of technologies and techniques available to provide added value through proven, well-developed solutions. In addition to a wide range of conventional tools, Applus+ also has a large research and development team at our materials testing labs to aid clients working under abnormal or unfamiliar operating conditions.

Throughout our history, the materials testing laboratories at Applus+ have focused on:

- Developing material testing technologies
- Ensuring quality and value
- Aiding end-users to have a complete understanding their systems inside and out

Target customers

Non-destructive material testing and inspections are used in every industry, providing qualitative and quantitative insights into assets and systems. By acting on the

information provided by these testing techniques, owners and operators help to ensure that their systems are in good working order, thereby improving the quality of their products and the overall safety of their workforce.

Key customer benefits

All industries benefit from the development and implementation of an effective non-destructive inspections programme. By using appropriate NDT/NDE methods and technologies, clients gain the information required to effectively manage risk and prevent potential operational upsets.