Ultrasound C-Scan Testing

Trust the experts at TPI to effectively perform an inspection using Ultrasound C-Scan.

TPI understands that you need to focus on the day-to-day operations of your business. Avoid the confusion and difficulty of choosing the right nondestructive method and technique. Leave the details to our professionals while you focus on running your business. TPI is pleased to offer Ultrasound C-Scan. C-Scan is a very useful and versatile NDT method.

What are the advantages of Ultrasound C-Scan?

Some of the advantages often associated with C-Scan include:

- Provides a permanent record of the location and thickness readings.
- Only one surface need be accessible.
- Nonhazardous to operations or to nearby personnel and has no effect on equipment and materials in the vicinity.
- Portable and highly automated operation.
- Various views of the defect (i.e. "C" scan, "B" scan, 3D, and spreadsheet displays of actual recorded data)

The above information provides a simplified introduction to the nondestructive testing method of C-Scan. However, to effectively perform an inspection using C-Scan, several parameters need to be considered. Trust the professionals at TPI to take care of the details for you. For more information, contact us at 866.876.4366 or info@tpindt.com.

What is Ultrasound C-Scan?

Ultrasound C-Scan (AUT) is a form of automated ultrasonic testing. It uses high frequency sound energy to conduct examinations and record measurements of wall thickness. AUT can be used for internal detection of corrosion, lamination, and other planar flaws.

How can Ultrasound C-Scan help your company?

Because AUT is automated it allows unmatched precision and accuracy in attaining permanent records of flaws detected, especially internal corrosion. Since the records are permanent they can be reviewed and sent to your company for further analysis. As a result material decay trending can be calculated if needed.

Your company can save money with our C-Scan services. This form of testing can detect suspected areas of corrosion, preventing leaks or failures and ensures the reliability and functionality of the inspected component.