



ITCL

# ITCL: Ready for Inspection Ultrasonic Inspection



## What is it?

Ultrasonic Inspection is a commonly used method of inspection with a wide range of applications. These include but are not limited to thickness checking, corrosion mapping and monitoring, volumetric weld inspection, lamination, inclusion and void detection.

Conventional manual ultrasonics comprises of an ultrasonic search unit and transducer connected via either a twin or single lead, all producing shear waves in to the test medium. The mode of propagation depends upon the refracted angle of the sound entering into the test medium.

Using ultrasonic inspection we offer

- Thickness checking
- Weld inspection
- Lamination/Void/Inclusion checking

All of these techniques and more can be used on a wide range of materials from carbon steels, stainless steels, plastics and composite materials to name a few


## Why should I use ITCL?


ITCL prides itself on the high quality of application and testing by experienced technicians.

Our workforce is fully qualified to current standards and works to approved procedures and control checks. Environmental and Health & Safety issues are of paramount concern to all staff working on your site. Expert consultation is always available.

ITCL offers a comprehensive 24hr in-house and on-site service.

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