



ITCL

ITCL: Ready for Inspection Ferrite Testing



What is it?

Ferrite content analysis is a Non-destructive Testing (NDT) method which provides the ferrite levels for austenitic stainless steel and duplex materials. This data is supplied as a delta ferrite percentage or number.

Materials that require ferrite tests are austenitic stainless steel / duplex stainless steels or austenitic chrome alloy steel, usually weldments, castings, forgings, weld overlays, wrought materials.

The test is relatively quick to carry out and accurate analysis is provided by ITCL's portable Fischer Ferritscope MP30.

Ferrite testing and inspection can be carried out either in a workshop, on in-service items or at our testing centre.

ITCL supply a detailed Ferrite Report which will reference the items tested.

It is not recommended for the material temperatures greater than approximately 125 °F / 51°C

The surface preparation is very important for result accuracy. The surface must be free from contaminants and reasonably flat to allow good contact.


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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