

OTHER METHODS

Ferrite Measurement

The Ferrite Indicator is a simple, rugged, non-destructive inspection instrument developed for laboratory, shop and field use. The GO, NO-GO feature permits instant acceptance testing of austenitic stainless weld metals.



Paint / Coating Thickness Measurement

Dry Film Thickness is a critical measurement in the coating application process. It provides vital information as to the expected life of the substrate, the product's fitness for purpose, its appearance and ensures compliance with a host of International Standards.



Positive Material Identification (PMI)

With the emphasis on reliability, safety and accident prevention never being greater, this means that positive material identification (PMI) in alloys used throughout the construction process and physical plant is no longer a choice, but a necessity.



Holiday Inspection

Portable holiday detectors are designed for various pipeline, plant, and other surface applications where the inspection surface remains stationary and the detector is moved over the inspection surface. High voltage detectors are used for thicker surface coatings, such as those used on pipelines and other industrial applications. Low voltage, wet sponge detectors are used for thin film applications.



Hardness Testing

Hardness is a characteristic of a material, not a fundamental physical property. It is defined as the resistance to indentation, and it is determined by measuring the permanent depth of the indentation. More simply put, when using a fixed force (load)* and a given indenter, the smaller the indentation, the harder the material.



Vacuum box testing

The vacuum box test is a non-destructive examination used to detect weld seam leaks. A vacuum box and compressor create a high- or low-pressure vacuum while a detergent solution is applied to the test area. The detergent bubbles, revealing leaks within the pressure range created. This test method is suitable for leak detection on pipes, containers and sheet metal structures.

