

Visual Weld Inspection

Visual inspection is the one NDT method used extensively to evaluate the condition or quality of an item. It is easily carried out, not expensive and usually doesn't require special equipment.

The method requires good vision, good light and the knowledge of what to look for. Visual inspection can be enhanced by various methods ranging from low power magnifying glasses through to boroscopes. These devices can also be used with television camera systems. Surface preparation can range from wiping with a cloth to blast cleaning and treatment with chemicals to show the surface details.

Visual inspection can sometimes identify where a failure is most likely to occur and identify when a failure has commenced. Visual inspection is often enhanced by other surface methods of inspection, which can identify flaws that are not easily seen by the eye.



Axess is a leading provider of inspection & integrity management, and engineering & construction services.

The business within Axess comprises the offshore, maritime and energy industries.



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