



*NDT and QC Services
Structural Inspection
Derrick Inspection (DROPS / API 4G)
Derrick Upgrades
Electrical Construction / EX Surveys
Steel Erection / Rigging and Lifting
Lifting Gear Examination
Load Testing*

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Non Destructive Testing (NDT)

Non-Destructive Testing is quite simply a means of assessing the structural integrity or properties of structures or materials without damaging them (although some techniques do require surface coatings to be removed).

The term applies to a range of methods from a straightforward visual inspection to more complicated disciplines such as Eddy Current or Ultrasonics. The various techniques are designed to compliment each other in order to provide complete coverage of the material or structure.

Of critical importance to all NDT techniques is the ability (of the technician) to interpret the results generated and to understand where they fit into an assessment of the integrity of the structure as a whole. This only comes with experience and is an area in which our track record speaks for itself.

Close Visual Inspection (CVI) of Welds

As the name suggests, this is a detailed and close up visual examination of welds, structures, vessels or pipework. There are two accreditation schemes applicable to visual inspection, PCN and CSWIP, and we have experienced inspectors qualified in both.

Typically CVI would be used to identify areas requiring more in-depth inspection. Examples of its application could be identification of pipework likely to require further wall thickness checks, initial inspection of newly fabricated assemblies prior to further NDT and inspection of in-situ structural assemblies to detect fatigue induced cracking (prior to further NDT if required).



Offshore Corrosion



Crack highlighted by dye penetrant inspection

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