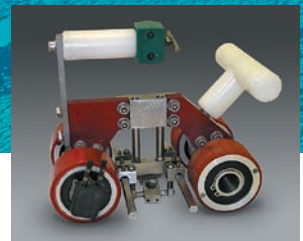
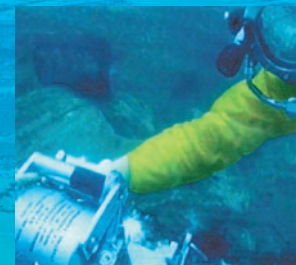


Sub-Sea Inspection Services

Full range of advanced inspection and engineering for underwater applications



Key Features of the Services:

- ⊕ Pipeline thickness analysis without the need to remove coatings
- ⊕ Full inspection of sub-sea welds, including discontinuities, anomalies, cracking and weld root corrosion
- ⊕ Analysis of external surface discontinuities
- ⊕ Splash zone inspection
- ⊕ Engineering solutions for underwater inspection equipment
- ⊕ Sub-sea camera and image capture systems, both off-the-shelf and custom-built.

Applus RTD has been at the forefront of advanced inspection services for the oil and gas industry during the last two decades. As exploration has ventured into deeper waters and the number of offshore structures increases, so has the need to ensure structural integrity on an ongoing basis.

From the splash zone of exploration and production rigs, to pipelines and associated sub-sea componentry, **Applus RTD** has the capabilities and technology to undertake professional and comprehensive evaluations at all depths.

Through the adaptation of surface technologies, the utilisation of custom designed and built housings and controls systems, **Applus RTD** is now a leading provider of sub-sea inspection services.

The services available for sub-sea application include:

INCOTEST

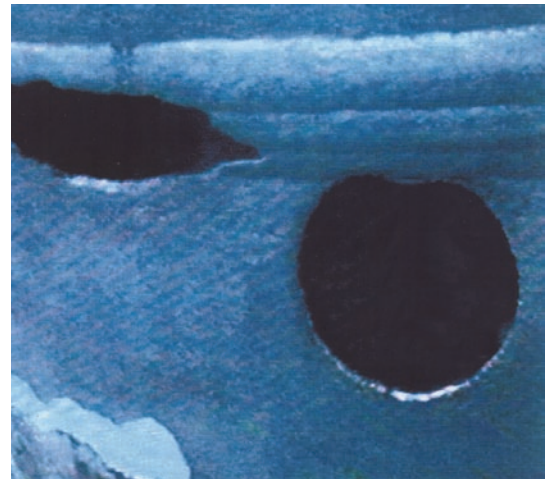
To determine the average remaining wall thickness of sub-sea ferromagnetic materials without the requirement for the removal of marine growth or coatings.

Ultrasonic, Time of Flight Diffraction (TOFD)

For the inspections of sub-sea welds to detect and provided hard copy presentation of as welded discontinuities and in-service weld anomalies including cracking and weld root corrosion.

Ultrasonic Thickness

For the inspections of sub-sea piping and plate to detect the remaining wall thickness as a result of corrosion and or erosion.



Eddy Current Inspections

For the inspection of sub-sea welds and structures to detect the presence of external surface breaking discontinuities in both coated (up to 3.0mm thickness) and uncoated metallic materials

Remote Visual Inspections

pndt provide a variety sub-sea camera and image capture systems available both off the shelf or custom built for a specific application.

