



# OFFSHORE INSPECTIONS



- **BASELINE INSPECTIONS**  
For all Hull, Top side process, production equipment including associated piping, pressure vessel and also Engine Room & Sea Water Pipeline.
- **INVENTORY**  
Data collection from initial documents (as-built) with all follow-up reports and periodical inspection reports and compilation of the complete asset.
- **CONDITION SURVEY**  
Inspection of all Pressure Vessel, Heat Exchanger, Boilers, Process Piping, Tanks, Hull, Top Side Structural Supports, Equipment, Engine Room Piping Marine Piping, Helideck, Lifeboat Structures, Cranes, Valves, Actuators, E&I, Instruments, Electrical, Cathodic Protection, Under Water and Accommodations.
- **NON DESTRUCTIVE TESTING**  
Conventional NDT such as Thickness Gauging, Magnetic Particle Testing, Liquid Penetrant Testing, Eddy Current and Advanced NDT such as Phased Array, IRIS, ToFD, Corrosion Mapping, Thermography and Videoscope.
- **IDMS/RBI**  
The Supply, configuration and implementation of an Inspection Data Management System / RBI software system.

## Your Partner in Offshore

The inspection and assessment in offshore vessels and installations requires to be carried out by competent personnel based on applicable regulations and guidelines. Cutch Offshore division with competitive resources both manpower and equipment can single handedly handle all the inspection activities of all the of piping, pressure vessels, equipment, Boilers, structures, Hull, Helidecks, Lifeboat Structures, Valves, Actuators and E&I Instruments.

The inspection are carried out by certified and competent personnel and equipped with advanced measurement and analyzing tools.

Depending on the type of defect and its location, our personnel will use multiple methods such as Videoscope, UTG, UT, MT, RT, PT, ET, PMI, PAUT, TOFD etc.

The Cutch Project management team can mobilise the complete personnel including Rope Access Technicians and equipment for executing the life extension survey, or statutory surveys of the Offshore Vessels and Installations from the initial planning to handover of the documents with necessary Classification Society endorsements.