Offshore Inspections

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. Cutech Offshore division with competitive resources both manpower and equipment can single handedly handle all the inspection activities of all the 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 Cutech 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.

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

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.