

# Classification Surveys during Construction (Hull)

This course provides an overview of the various design and construction-related tests and surveys that a newbuilding undergoes between the vessel's order and its final delivery. Taking this course will improve your understanding of the preparations necessary for these surveys as well as increasing your awareness of key details that require attention.

## Featured Contents:

- Outline of survey classification survey during construction
- Acceptance inspection
- Hull structure inspection
  - Confirmation of scantling of members and assembly accuracy
  - Check point during welding
- Inspection before launching
  - Tightness test and structural test
  - Measurement of principal dimensions
  - Markings
- Corrosion prevention
  - Painting, PSPC, Cathodic protection
- Basic information on hull outfitting
  - Rudder, Hatch cover, Piping, Fire fighting system, Closing devices
- Stability experiments

## Duration: One day

## Who Should Attend?

Superintendents, shipbuilders and repair yard personnel, etc.  
(0~2 years experience)





# Classification Surveys during Construction (Machinery & Electrical Installations)

This course covers all the inspections of machinery and electrical equipment that take place over a new vessel's construction; from the order being placed to the completion of construction. It also provides easily understandable explanations of each type of tests and how they are carried out. Taking this course will provide one with a deeper understanding of the preparations required for these inspections and tests as well as specific aspects to pay attention to.

## Featured Contents:

### < Part 1 Machinery >

- Outline of Newbuilding Survey
- Surveys at Manufacturers
- Survey at Shipyard
- Inspection of Piping System
- On board Test
- Sea Trial

### < Part 2 Electrical Installation >

- General
- General specification, Ambient condition
- Protection of enclosure for electric equipment
- Survey at Manufacturer
- Survey at Shipyard

**Duration: One day**

## Who Should Attend?

Superintendents, shipbuilders personnel, etc.  
(0~2 years experience)

