

Shipbuilding and Repair Quality Standards

Delivery Method: eLearning || Duration: 1 hour || Course Fee: 200 €

Category: Rules & Regulations

Available languages: English

Certificate

On completion of the training program, the student will be awarded:

- A Certificate of **Shipbuilding and Repair Quality Standards**, issued by Bureau Veritas Solutions Marine & Offshore.

The Certificate of **Shipbuilding and Repair Quality Standards** is obtained after completion of the course and passing the online test.

Presentation

This training course provides an overview of the IACS Recommendation 47 – Shipbuilding and Repair Quality Standards.

Whom the course is for

The course **Shipbuilding and Repair Quality Standards** is aimed at anyone interested in getting familiar with the IACS Recommendation 47 – Shipbuilding and Repair Quality Standards. This may include Ship Managers, Technical Superintendents, Ship Masters, Officers and Seafarers; Offshore Units Operators and Technical Staff, Shipyards Technical Staff; Surveyors; P&I and/or Insurance Inspectors; Etc.

Objectives

On completion of the training, students will be able to:

- Understand the applicability of IACS Recommendation No.47.
- Get familiar with materials, welding and non-destructive testing.
- Understand the quality standards for steel ship construction and remedial standards for new buildings.
- Understand the quality standards for repair of ships in operation.

Program

- General requirements for new constructions and repair of ships in operation
- Qualification of welders, welding procedures and NDT operators
- Materials
- Equivalency of material grades
- Surface conditions and acceptance criteria
- Shipbuilding and remedial quality standards for new constructions
 - Standard for flanged longitudinals and flanged brackets
 - Standard for corrugated bulkheads
 - Standard for pillars, brackets and stiffeners
 - Standard for hull shape
 - Standard for fairness of plating between frames
 - Standard for alignment and remedial standard for misalignment
 - Standard for butt weld plate edge preparation and remedial standard
 - Standard for fillet weld plate edge preparation and remedial standard
 - Standard for distance between welds
- Repair quality standards for ships in operation
 - Standard for welding, groove roughness
 - Standard for renewal of plates
 - Standard for doublers on plating
 - Standard for renewal of internals/stiffeners
 - Standard for welding of pitting corrosion
 - Standard for welding repair of cracks