

MARITIME TRANSPORT

JOB TITLE

Shipbuilder

JOB DESCRIPTION

Shipbuilders build and repair small types of water vessels from pleasure crafts to naval vessels. They prepare preliminary sketches and create templates. They use hand and power tools to construct smaller boat themselves, or supervise a team of shipbuilders. They also construct cradles and slipways for the ship's construction, transportation, launching and slipping.

KNOWLEDGE AREAS

- Higher education in Naval Architecture or Marine Engineering
- Design drawings
- 3D modeling
- Mechatronics
- Mechanics
- Mechanics of vessel
- Technical English
- Computer literacy

SOFT SKILLS

- Exercising control
- Ability to receive multiple inputs
- Multi-tasking (simultaneous tasking capability)
- Ability to take initiatives and make decisions
- Judgement & responsibility
- Written & verbal communication skills
- Analyse and follow verbal instructions
- Ability to function under conditions of stress
- Precision to detail
- Prioritising (ability to prioritise and decide what situations require immediate action)
- Flexibility (perform services in a flexible manner)
- Self-motivation
- Self-confidence
- Self-regulation

HARD SKILLS

- Adjust engineering designs
- Apply engineering principles
- Apply technical drawing software
- Use 3D modeling
- Read engineering drawings
- Follow quality assurance procedures
- Apply health and safety standards
- Ensure vessel compliance with regulations
- Fasten components
- Liaise with engineers
- Prepare pieces for joining
- Assemble sensors
- Operate precision measuring equipment
- Apply metal forming technologies
- Use technical English

COMMENTS

To see if and how this occupation is regulated in EU Member States, EEA countries or Switzerland please consult the ESCO occupations pillar in the following link: <https://esco.ec.europa.eu/en/classification/occupation>