

Structural Material Selection

offshore/onshore

This Course in Structural Material Selection helps the engineer choose the correct steel material for a steel structure. A description of some of the different steel types, stainless steel and aluminum will be given. Different company standards and national standards will also be discussed.

Participants are expected to already have some experience with design of steel structures.

CONTENTS

- Generic Material Selection
- Steel Manufacturing
- Tests during manufacturing of steels
- Parameters in steel selection
- Material designations
- Steel types
- Alloying elements & unwanted impurities
- Steels for bolts, pin bolts, etc.
- Requirements to steels
- Company Standards (selected ones)
- Carbon steel selection
- Stainless steel
- General
- Corrosion mechanisms
- Criteria for selection / recommendations
- Pitfalls
- Aluminium
- General
- Numbering system
- Selection recommendations
- Recommendations - specific areas / applications
- Material substitutions
- Surface treatment
- Material certificates

PRICE

DKK 3.450,- ekskl. VAT for members of DSI

DKK 4.950,- ekskl. VAT for non-members

TEACHERS

Kristian Lund Jepsen, Rambøll A/S

Per Grumsen, Rambøll A/S

Both teachers have a deep knowledge to offshore and onshore steel structures and materials for these.

REGISTRATION

Make your registration not later than two weeks before by sending the registration form to dsi@steelinfo.dk.

CONTACT

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