

## **Danish Maritime Authority's Authorisation Handbook**

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# General conditions

## Authorisation scheme

An authorisation entitles a company or individual in Denmark to carry out tasks on behalf of the Danish Maritime Authority in a specified area. A prerequisite for obtaining an authorisation is that the conditions laid down *in the Order on authorisation to perform tasks on behalf of the Danish Maritime Authority* and in this approval manual are fulfilled.

If an authorised company or individual finds facts in the course of working on behalf of the Danish Maritime Authority on board ships where there are doubts as to the seaworthiness of the ship, the Maritime Authority shall be fully informed at once.

Companies in the EU/EEA may be granted authorisation within a given area of the Handbook, subject to a similar authorisation has been granted by the company's national authorities.

For all areas of authorisation, the Act on safety at sea, as amended, applies. Supplementary legal references are mentioned in this Handbook for each area of authorisation.

## Impartiality

The authorisation shall not include entitlement to issue certificates or any similar relating to new installations or major repairs carried out by the authorised company.

Initial certification shall be carried out by impartial institutions. (It may be classification societies, relevant test institutes or other authorised bodies). Subsequent periodic inspections may be carried out by the authorised company.

## General conditions for obtaining authorisation from the Danish Maritime Authority

1. The authorised company must have a quality assurance system containing procedures or instructions to ensure that the specified work is carried out in accordance with guidelines issued by the Danish Maritime Authority.
2. The authorised company shall have relevant and extensive experience in carrying out the specified work, as well as knowledge of relevant legislation.
3. The authorised company must be in possession of the equipment necessary to carry out the specified work.
4. The authorised company must ensure that the companies carrying out the specified work have appropriate training and are sufficiently experienced in the field to be able to perform the specified work and, if appropriate, trained according to the instructions of relevant manufacturers.
5. The authorised company must continue to work within the framework of the authorisation in order to maintain the qualifications of the personnel concerned.
6. The authorised company is obliged to communicate changes in contact details to the Maritime Authority. Changes in company name, postal address, CVR number, e-mail and telephone numbers.

The expenditure of the specified work is considered to be a matter between the applicant and the authorised company.

In addition, the descriptions of the individual authorisation areas indicate specific competence requirements for personnel and specific requirements such as equipment and reporting.

## Requirements applying to the company's quality assurance system

The company must have a quality assurance system (does not need to be certified) containing the items listed below to demonstrate that the work specified is carried out in accordance with the provisions of this Handbook, the *Order on authorisation to perform tasks on behalf of the Danish Maritime Authority*, as well as notices and instructions from the Danish Maritime Authority. The quality assurance system must be accessible to the company's employees.

**The quality assurance system shall contain at least the following:**

- Instructions/procedures for the individual operations to ensure that the specified work is carried out in accordance with the legal basis and regulations, the manufacturer's instructions, and the general conditions laid down in this handbook.
- A description of how the company ensures and verifies the quality of the work for the given authorisation.
- An outline of the equipment required to perform the specified work and how it must be maintained and calibrated.
- A description of how the company ensures that safety is observed during the performance of the authorised work, in accordance with applicable rules and guidelines.
- An overview showing how the firm's personnel are in possession of the qualifications required under the authorisation, as well as the means by which the qualifications are maintained (courses, etc.). The summary shall also show that the personnel is sufficiently well experienced in order to carry out the work.
- A description of how the company ensures that the qualifications of the personnel are maintained.
- A description of how the company ensures impartiality, business secrets, etc. in relation to the customer.
- A description of how and how long the documentation will be archived.
- A description of periodic reviews of guidance documents, customer complaints, preventive actions, insurances, etc. to ensure updating and compliance with customer and legal requirements.

**Complaints about refusals**

As a general rule, decisions taken by *the* Danish Maritime Authority pursuant to the Act on safety at sea *may not be brought before a higher administrative authority. Please read the Danish Maritime Authority's Order on the transfer of certain powers to the Danish Maritime Authority and on the right of appeal, etc. issued by the Danish Maritime Authority*

**Inspection and auditing of the authorised company**

The Danish Maritime Authority shall carry out random checks and audits of the approved companies.

Supervision takes place as a technical supervision of the work process including the use of the required equipment as well as the qualifications of the personnel.

An audit is carried out as an audit of the quality assurance system in operation, including procedures, instructions and guidance, qualifications of personnel and records of operations carried out.

The necessary documents concerning the authorisation shall be available under the inspection and audit.

An inspection or audit is agreed in advance with the authorised company.

**Inspections**

The Danish Maritime Authority may at any time carry out a verification visit at the premises of an authorised company. Inspection visits may, for example, take place on the occasion of an application or the renewal of the authorisation.

**Application for an authorisation**

The application for authorisation shall include the following:

1. Name and address of the company.
2. The CVR number, telephone and e-mail.
3. Number and description of the authorisation area as set out in the *Order on authorisation to carry out tasks on behalf of the Danish Maritime Authority*.
4. A description of how the applicant complies with the conditions and requirements specified in the General Conditions section for the authorisation to the Danish Maritime Authority, including any special equipment and personnel requirements for each authorisation area.
5. Evidence such as diplomas and work experience of the personnel involved.
6. A description of the equipment used for each field of authorisation.
7. Date and signature.

The application form is available on the Danish Maritime Authority's website and may be filled in and returned by e-mail.

### **Validity and renewal of a valid authorisation**

Authorisation is usually valid for 5 years from the date of issue. If authorisation is requested to be renewed, the authorised applicant shall apply for renewal to the Maritime Authority no later than one month before the expiry of the authorisation.

The application for renewal of a valid authorisation must contain the number and description of the authorisation area to be renewed and the company's contact details, including the company's name, postal address, contact company name, e-mail and telephone number.

In addition, the application shall include a brief description of the following:

- How the authorised company continues to deal with the areas in which it is authorised, including an overview of the works performed on behalf of the Danish Maritime Authority during the last 2 years.
- How the authorised maintains knowledge of relevant regulations in force.
- That the authorised continuing possession of the equipment necessary to carry out the specified period of treatment.
- That the persons carrying out the specified work have appropriate competences and are sufficiently experienced in the field of authorisation

The authorisation will automatically lapse upon expiry.

### **Requirements for carrying out certification tasks (regulations, standards or guidelines)**

Authorised work shall be carried out in accordance with the relevant laws and regulations, etc. These are available on "www.retsinformation.dk" or "www.dma.dk".

### **New rules**

The authorised company is obliged to keep itself up to date with the legislation in force in the area to which the authorisation applies.

### **Publication**

The names of the authorised companies are published on the website of the Danish Maritime Authority.

### **Link to list of authorised and use of logo and coat of arms.**

The authorised company may link to the list of authorised companies on the Danish Maritime Authority's website. The authorised may not draw up the national emblem or the Danish Maritime Authority's logo in its own material or write, for example on a website or in a brochure, that it has been approved by the Danish Maritime Authority. However, authorised companies may inform of the areas in which they are authorised by the Danish Maritime Authority.

### **Specific issues**

Special circumstances may exist when authorisation is granted. For example, the authorised company may be a company or individual which only exceptionally carries out tasks in the field in question. This may involve shorter authorisation periods.

### **Evidence of work carried out**

If a certificate or any other proof of inspection is to be issued, the following information must be at least shown:

1. The name, address and CVR number of the authorised company.
2. Name of ship, Port of Registry, control number, IMO number or call sign.
3. Which areas and equipment were covered by the survey/inspection.
4. The result of the inspection/verification.
5. Place and date of the inspection/control (s) and name (s) of the company (s) carrying out the survey (s)/ inspection (s).

Proof of the work carried out must always be given to the applicant, and a copy must be kept by the authorised company for at least 5 years, unless otherwise indicated in the individual certification areas. Only if required by the description of each site, documentation must be submitted to the Danish Maritime Administration in connection with the installation, testing, inspection or approval of each certification area.

The underlying evidence of the work specified is the Danish Maritime Authority irrelevant and considered to be a relationship between the customer and the authorised company.

**Documents relating to the work carried out must be produced in Danish and English.**

#### **Withdrawal of the authorisation**

The Danish Maritime Authority may revoke an authorisation if:

- there are discrepancies in the way the specified work is performed and/or documented;
- the company no longer employs persons with the required qualifications;
- the conditions on which the authorisation is based are not fulfilled.

Any withdrawal of authorisation may not take place before consultation with the authorised company and is to be accompanied by instructions for appeal.

## Other approvals and supervision of external companies

### **Recognised Organisations (Classification societies)**

Classification societies are recognised by the Danish Maritime Authority under the Class Agreement (Danish Class Agreement).

The Maritime Authority has described the instructions for recognition and supervision of classification societies.

### **Notified body**

DANAK, on behalf of the Danish Maritime Authority, appoints 'Notified bodies under the EU Marine Equipment Directive 2014/90/EU.

The list of notified bodies can be found at: <http://ec.europa.eu/growth/tools-databases/nando/>

## Overview of each field of authorisation

Area	Description
1	Tonnage measurement of ships
2	Measuring the cargo holds in fishing vessels above 17 mtresh
3	Performance of inclining tests and lightweight calculations as well as the development of stability books
4	Radio survey on fishing vessels and cargo ships of less than 300 GT (Danish and Greenlandic ones)
5	Electronic testing of LRIT equipment
6	Periodic surveys of fishing vessels including surveyof the outside bottom on laid up fishing vessels;
7	Inspection of lifting appliances and loose gear, etc in ships
8	Periodic inspection of launching appliances in ships
9	Controls pursuant to MARPOL Annex II
10	Test of packaging approved in accordance with the IMDG Code
11	Approval and inspection of houseboats and floating structures
12	Noise measurement

## **Area 1            Tonnage measurement of ships**

### **Introduction**

Measurements which are not to be carried out by a recognised organisation (classification society) and which are not carried out by the Danish Maritime Authority may be carried out by a company authorised for that purpose.

There are four areas in which authorisation may be sought:

- Ships on or above 24 metres.
- Ships of less than 24 metres.
- Fishing vessels of less than 24 metres (EU measurement).
- Vessels of less than 15 metres — recreational craft only

**Legal framework** Act on the tonnage measurement of ships.

### **Ships (all ships) on or above 24 metres in length**

Ships above on or above 24 metres in length shall be measured in accordance with the International Convention on Tonnage Measurement of Ships (1969). In determining whether the ship is over or less than 24 m in length, the “Length (1969 Convention)” shall be used.

### **Ships (all ships other than fishing vessels) with a length of less than 24 metres**

Ships (all other than fishing vessels) with a length of less than 24 metres are measured according to the Order on the measurement of small ships, No 845 of 1998.

### **Fishing vessels (non Greenlandic) with a length of less than 24**

Fishing vessels (non Greenlandic) of less than 24 metres in length shall be measured in accordance with the Order on the measurement of small fishing vessels (EU), order No 846 of 1998.

### **Greenlandic fishing vessels below 24 meters in length**

Greenland fishing vessels of less than 24 metres in length shall be measured in accordance with the Order on measuring smaller ships, order No 460 of 1992. Please note that this publication, although repealed, is still in force for Greenland by a Royal Decree.

**Recreational craft are measured in the same way as commercial vessels of the same size.**

### **Tonnage certificates**

Tonnage certificates issued by companies other than the Danish Maritime Authority shall not bear the coat of arms but the companies own logo.

The companies must be approved by the Danish Maritime Authority (classification societies are approved through the ‘class agreement’). Templates for the tonnage certificates can be found on the website of the Danish Maritime Authority. If the vessel is measured as an “open vessel”, this shall be indicated on the back of the tonnage certificate (ships below 24 metres).

Old tonnage measurements, which may be used to determine the requirements, are indicated on the back of the tonnage certificate.

Information that can assist in identifying the ship shall also be indicated on the back of the tonnage certificate.

### **Qualification of personnel**

#### *Ships on or above 24 metres*

The company needs to have personnel with an education as naval architect.

*Ships of less than 24 metres and fishing vessels of less than 24 metres (EU measurement)*

The company must have personnel;

- with an education as naval architect, or
- other relevant education.

*Ships below 15 metres — Recreational craft only*

The company must have personnel;

- with an education as shipbuilder (skibsbygger), or
- with other relevant training, or
- be sufficiently experienced regarding measuring of ships.

**Documentation regarding approval and inspection, etc.**

On the basis of the measurement, a tonnage certificate is issued on a form approved by the Danish Maritime Authority. The necessary templates are available on the Danish Maritime Authority's website.

The tonnage certificate must be handed over to the ship and a copy must be sent to the Danish Maritime Authority ([cfs@dma.dk](mailto:cfs@dma.dk)).

The company shall also maintain an archive of the tonnage certificates. The archive shall include information on the type and use of the ship.

The authorised company shall, with regard to ships transferred to another flagState, upon request be required to provide a copy of the tonnage certificate to the new flag State.

## **Area 2            Measurement of cargo holds in fishing vessels above 17 metres**

### **Legal framework**

The Danish Maritime Authority guidance no 10012 of 3 October 1989 on labelling and documentation provisions.

### **Qualification requirements**

The company must have personnel who:

- has an education a a naval architech or other relevant education, and
- have the necessary experience to carry out measurements of cargo spaces in fishing vessels.

### **Area 3** Performance of inclining tests and drawing up of lightweight calculations.

Inclining tests and lightweight calculations shall be performed for the following ships:

- New passenger ships.
- New cargo ships with a tonnage less than 500.
- New fishing vessels.
- New commercial vessels between 15 and 24 m in length.

In addition, inclining tests and light-weight calculations shall be carried out as follows:

- Periodic stability test for passenger ships every 5 years.
- Periodic stability test on fishing vessels every 10 years.
- Periodic stability test on commercial vessels under 15 metres built in 2001 or later, every 10 years.
- Periodic stability test on S & V vessels with approval to carry passengers, every 5 years.  
(the test may be postponed to a maximum of 5 years provided the ship has not been rebuilt and that there is a good stability margin.)
- Rebuilding and major changes of all the ships mentioned above.

#### **Legal framework**

Danish Maritime Authority Notice B, Chapter II-1, Regulation 5.

Danish Maritime Authority Notice D, Chapter II-1B, Regulation 18.

International Code of Safety for High Speed Craft (HSC Code), Regulation 2.

Danish Maritime Authority notices E and F, Chapter III, Regulation 9.

Order No 11784 of 20/11/2000, Technical Regulation on Special Purpose Ships, Chapter 2-1.15.

**Further guidance can be found, for example, in the IMO guidelines for the performance of the light-weight calculation and the inclining test, as well as the calculation of ship stability:**

- Code on Intact Stability.
- Model Loading and Stability Manual.
- International Code for the Safe Carriage of Grain in Bulk.
- Guidelines for Damage Control Plans.
- Guidelines for Shipboard Loading and Stability Computer Program.

#### **Requirements for personnel performing inclining test, light weight calculations and preparing stability books**

The company must have personnel:

- with an education as a naval architect or other relevant education, and
- have the necessary experience to carry out inclining tests and lightweight calculation, to prepare the stability books and to ensure that the work is carried out in accordance with the relevant rules and guidelines from the Danish Maritime Authority.

#### **Additional guidance regarding inclining tests;**

The inclining test shall be carried out in accordance with the guidelines of the Code on Intact Stability for ships of more than 24 metres. For ships less than 24 metres in length the Danish Maritime Authority's standard forms may be used.

#### **Additional guidance regarding dynamometer tests;**

In a few cases, the rules for smaller vessels allow the inclining test to be replaced by a dynamometer test when a measurement of the hull does not exist.

#### **Additional guidance regarding the stability books**

Stability books are to be developed for ships covered by the Notice F from the Danish Maritime Authority in accordance with the

guidelines in the notice F.

A new stability book shall be drawn up in the event of rebuilt or changes to the weight distribution on board.

The stability book shall, as far as possible, be drawn up in accordance with the guidelines laid down in the Guidelines for authorised establishments in the field of stability in the production of commercial vessels and small commercial vessels. (*Vejledning til autoriserede virksomheder i forbindelse med udfærdigelsen af stabilitetsbøger m.m. for fiskeskibe og mindre erhvervsfartøjer.*)

**Documentation**

The stability information must be prepared and approved by the company authorised by the Danish Maritime Authority and copies must be sent to the Danish Maritime Authority.

## **Area 4            Radio survey on fishing vessels and cargo vessels below 300 GT (Danish and Greenlandic ones)**

### **Legal framework**

Danish Maritime Authority Notices B, Chapter I, Rules 9 to 1.

Danish Maritime Authority Notices E, Chapter I, Rule 6.

### **Qualification requirements**

The company shall:

1. be in possession of the necessary equipment;
2. be able to demonstrate a broad experience of radio communication equipment and radio equipment;
3. ensure that persons performing radio surveys have technical education regarding radio equipment, such as radio mechanic, electronic engineer, electrical engineer, etc. and have sufficient experience in the area, enabling them to carry out radio surveys in accordance with current guidelines;
4. have at least one person required to hold General Operators Certificate (The certificate need not be re-validated).
5. have persons with professional technical training (radio engineer, electronic engineer, electrical engineer, etc.) who have sufficient experience in the field of radio broadcasting, enabling them to carry out radio surveys in accordance with the relevant guidelines;
6. be familiar with the requirements applicable to radio installations in ships.

### **Requirements for carrying out authorisation tasks (regulations, standards or guidelines)**

1. Cargo ships and fishing vessels with a length of less than 15 metres: Danish Maritime Authority's Notices F, Chapter IX (first inspection).
2. Fishing vessel of more than 15 metres in length: Danish Maritime Authority Notices E, Chapter IX (intermediate periodic inspections).
3. Cargo ships of less than 300 gt: Danish Maritime Authority Notices B (Chapter IV) (intermediate periodic survey).

The three legislative works are available on [www.retsinfo.dk](http://www.retsinfo.dk) or on the website of the Danish Maritime Authority.

### **Documentation of approval and survey, etc.**

After each radio survey and for each radio station, the authorised company must, after satisfactory inspection and inspection, issue a certificate where the following information is provided:

- The name, address and business registration number of the authorised company.
- Authorisation number as indicated on the authorisation certificate.
- The name of the ship, port of registry, IMO number, MMSI number the distinctive number or letters
- List of radio equipment (type and manufacturer) subject to survey.
- The result of the survey.
- Place and date of approval/survey and name of the company and person(s) who carried out the approval and/or survey.

A copy of the certificate must be handed over to the ship and a copy kept by the authorised company for at least 5 years. The same shall apply to any survey form

Documents are not to be submitted to the Maritime Authority in connection with installations or surveys.

## **Area 5            Electronic testing of LRIT equipment**

### **Legal framework**

Danish Maritime Authority Notices B, Chapter V, Rules 19-1 (Long-Term Identification and Tracking of Ships).

### **Requirements for companies**

1. Companies in the manufacturing industry must be a manufacturer of relevant equipment (Inmarsat C) and must be able to document the quality of the equipment.
2. Companies in the service sector must be able to demonstrate that they have employees who:
  - has a relevant technical training in the radio electronics area
  - is aware of the requirements applicable to such facilities
  - have relevant experience in the shipping industry.

### **Requirements for carrying out authorisation tasks (regulations, standards or guidelines)**

The authorised company shall conduct tests in accordance with the IMO 'Guidance on the survey and certification of compliance of ships with the requirement to transmit LRIT information'.

### **Documentation of approval and survey, etc.**

Submitting of survey forms, digitised information, etc.

1. After satisfactory testing and approval, the authorised company must deliver a "conformance test report" to the ship.
2. Send a copy of the Conformance test report to the Danish Maritime Authority (cfs@dma.dk).
3. A copy of the Conformance test report must be kept with the authorised company for at least 5 years.

The following information shall be included in the documentation to the Danish Maritime Authority:

1. The name, address and business registration number (CVR-number) of the authorised company.
2. Name of the ship, Port of Registry, IMO number, the control number and the distinctive name.
3. Place and date of the test and name of the company who carried out the test.

**Periodic inspection of fishing vessels**

**Legal framework**

Order on the technical regulation on authorisation to carry out renewal surveys for fishing vessels.

Terms of authorization, qualification requirements, etc. is described in the Order .

**Requirements for the survey**

- the survey is to be carried out according to Danish Maritime Authority Notices F, Chapter I, Regulation 6.5.2.2.
- The ship and its equipment must be examined in accordance with the Danish Maritime Authority's form of survey (the form can be downloaded from the Danish Maritime Authority's website).
- If deficiencies were detected during the survey, the applicant (owner of the ship) shall be informed thereof. At the same time, the applicant must be made aware of the fact that a new survey must be carried out, in which it must be verified that these deficiencies are properly rectified before the licence can be endorsed/renewed, as the case may be.
- In the absence of requirements, the ship's trading permit shall be endorsed/renewed by the company who carried out the inspection. The endorsement must contain the date, the name and signature of the surveyor and the stamp of the authorised company.

**Documentation**

The authorized or the person conducting the periodic surveys of fishing vessels shall prepare and sign a survey report containing the information as specified under general conditions. Furthermore, the authorized company must be aware that:

1. After the survey has been completed (if any deficiencies have been rectified), a copy of the survey report including relevant documentation shall be provided to the ship.
2. If there are no deficiencies, the trading permit shall be endorsed or re-issued, as appropriate.
3. The electronic survey report must be forwarded by means of a scanned copy of the signed trading permit, or with a digital trading permit with a facsimile signature to cfs@dma.dk.

Survey report, example of survey report, trading permit and further guidance, is available on the Danish Maritime Authority's website.

A copy of the documentation shall be delivered to the ship and a copy shall be kept at the authorised company for at least 5 years.

**Survey of the outer bottom on laid up fishing vessels**

**Legal framework**

Danish Maritime Authority, E and F, Chapter I, Rule 6.

**Requirements for the survey**

The survey of the outer of the bottom shall be carried out according to Danish Maritime Authority E and F, Chapter I, Regulation 6 and the company concerned shall review the outer hull of the ship including:

- take note of the deficiencies observed.
- If the survey reveals deficiencies, the applicant shall be informed of these deficiencies. At the same time, the applicant is to be informed that a new survey has to be conducted and the outer bottom of the ship must be inspected, including, for example, whether the hull thickness meets the relevant requirements.

**Documentation**

The authorized person must prepare and sign a certificate as stated under general conditions and as stated in "Guidance on renewal survey in fishing vessels below 15 meters."

## **Area 7            Inspection on lifting appliances and loose gear on ships**

### **Legal framework**

*Technical Regulation on Lifting Appliances and Loose Gear on Ships*

### **Qualification requirements**

The company must have personnel who are educated as either naval architect, marine engineer, ships officer or similar maritime education.

### **Performance requirements (regulations, standards or guidelines)**

Requirements relating to the construction, construction, testing and certification of lifting articles and the transit of goods, or a limited part thereof, are laid down in *Technical Regulation on Lifting Appliances and Loose Gear on Ships*.

### **The authorisation is divided into the following categories:**

- **Competent person, category A**, is approved for the first certification of lifting appliances and loose gear.
- **Competent person, category B**, is approved for periodic certification and certification following minor repair of existing lifting appliances and loose gear.
- **Competent person, Category C**, is approved for certification connected with annual inspections, as well as certification following minor repair of existing lifting appliances and loose gear.

### **Documentation of inspections, etc.**

#### *Certificate of inspection*

A certificate shall be issued and signed by the competent person carrying out the inspections on lifting appliances and loose gear on ships, as required by *Technical Regulation on Lifting Appliances and Loose Gear on Ships*.

## **Area 8 Requirements for maintenance, thorough examination, operational testing, overhaul and repair of lifeboats and rescue boats, launching appliances in accordance with IMO Resolution MSC.402(96)**

### **Legal framework**

Bekendtgørelse nr. 1154 af 19. november 2019 om skibes bygning og udstyr m.v., gennemførelse af den internationale konvention om sikkerhed for menneskeliv på søen (SOLAS), bilag 5, regel 3, stk. 25, samt bilag 5, regel 20, stk.11. (Danish only).

IMO Resolution MSC.402(96) - (Describes requirements for inspection and documentation).

IMO Resolution MSC.404(96) – (Amendments to SOLAS 74)

### **Qualification requirements**

The company must have personnel fulfilling the requirements in IMO Resolution MSC.402(96).

### **Performance requirements (regulations, standards or guidelines)**

The authorised company conducting thorough examination, operational testing, overhaul and repair of lifeboats and rescue boats, launching appliances must perform the work in accordance with IMO Resolution MSC.402(96).

### **Documentation of inspections, etc.**

#### *Certificate of inspection*

The authorised company conducting thorough examination, operational testing, overhaul and repair of lifeboats and rescue boats, launching appliances has to document this in accordance with the provisions in IMO Resolution MSC.402(96).

## **Area 9            Controls pursuant to MARPOL Annex II**

### **Legal framework**

Danish Maritime Authority Notices B, Chapter XXII, Section 6, Regulation 16.1 (MARPOL Annex II, Regulation 16.1).

### **Qualification requirements**

The company must have persons who are has an education as naval architect, marine engineer, deck officer or similar maritime education.

The company shall have persons qualified to carry out inspections as described in Regulation 16.1, Chapter XXII, Section 6.

The company must have the necessary documentation including the MARPOL Convention and the IBC and BHC codes.

## **Area 10      Test of packaging approved in accordance with the IMDG Code**

### **Legal framework**

The IMDG Code.

### **Qualification requirements**

The company must have persons who are trained naval architect, marine engineer or similar maritime education.

### **Requirements for carrying out authorisation tasks (regulations, standards or guidelines)**

Periodic inspections shall be carried out in accordance with the requirements of the IMDG Code and EN 15507.

### **Documentation of inspections, etc.**

#### *Certificate of inspection*

The authorised or company carrying out the testing of packaging approved in accordance with the IMDG Code must issue and sign a certificate as specified under general conditions.

## **Area 11      Approval and inspection of houseboats and floating structures**

### **Legal framework**

Danish Maritime Authority Technical Regulation on stability, buoyancy, etc. of house boats and floating structures.

### **Qualification requirements**

The company must have persons who are either naval architect or other relevant education.

### **Proof of approval and inspection, etc.**

The authorised must ensure that the work is carried out in accordance with the relevant rules and with the guidelines laid down by the Danish Maritime Authority. After satisfactory examination and inspection, the authorised must issue a certificate stating that the hull satisfies the technical regulation in question. The certificate shall be drawn up in accordance as specified in general conditions.

## **Area 12      Noise measurement**

### **Legal framework**

Danish Maritime Authority Notices A, Chapter III.

### **Qualification requirements**

The company must have personnel with an education either as naval architect, marine engineer, ships officer or similar maritime education.

### **Performance requirements (regulations, standards or guidelines)**

The performance of noise measurements shall be carried out according to Danish Maritime Authority Notices A.

### **Documentation**

A noise report shall be issued in accordance with the guidelines contained in the Danish Maritime Authority Notices A. The noise report shall also contain documentation as specified in general conditions.