

No.
First register for a ship or store to be
numbered '1' next '2' and so on



Australian Government
Australian Maritime Safety Authority

REGISTER OF MATERIALS HANDLING EQUIPMENT

Marine Orders, Part 32 (Cargo Handling Equipment)

Name of ship or owner of shore cargo gear

Address of owner

NOTES FOR GUIDANCE IN KEEPING THIS REGISTER

1. A reference in this register to a provision by number means the corresponding provision in Marine Orders Part 32 (Cargo Handling Equipment) (MO 32).
2. A register of materials handling equipment must be kept by the master of a ship or the owner of shore equipment who shall, on the request of a surveyor, produce the register and any certificates issued by a responsible person in accordance with MO 32 in respect of any materials handling equipment (provision 16.1 and 13.1.2).
3. A reference to a 'responsible person' in these instructions means a 'responsible person' as defined in provision 1.
4. Masters, Chief Officers, Chief Engineer Officers and Second Engineer Officers are considered to be competent persons in relation to carrying out annual thorough examinations and other inspections of cargo gear and lifting appliances.

FALSIFICATION OF CERTIFICATES AND REGISTER ENTRIES

It is an offence to make a false certificate or entry in this register, Provision 7(a).

NOTES FOR GUIDANCE IN RELATION TO MATERIALS HANDLING EQUIPMENT GENERALLY

HOISTING APPLIANCES, ACCESSORY GEAR AND CARGO GEAR

Before being taken into use, all materials handling equipment (other than wire and fibre ropes, nets and slings, and except as provided by provisions 15.2.5 to 15.2.8) must be tested and thoroughly examined by a responsible person in accordance with provision 15.2.1.

The required particulars of the test and examination are to be entered in Part 1 of this register (for cranes, derricks, winches, cargo lifts and the like) or Part 2 (for cargo gear). Certificates of Test and Examination (MO 32/1, 32/2 or 32/3) issued by the responsible person should be kept with this register.

WIRE ROPES AND END FITTINGS

In accordance with provision 15.3.2(a), a wire rope, such as a runner, purchase, topping lift, preventer, or guy must not be used in connexion with cargo gear unless a sample length has been tested by a responsible person and the breaking test load of the sample ascertained.

The location of all portions of a wire covered by a particular Certificate of Test (MO 32/4) issued by a responsible person are to be entered into Part 3, together with the number of the Certificate, and the Certificate is to be kept with this register.

If the rope has a terminal or end fitting, in accordance with provision 15.3.2(e) a prototype of the terminal or end fitting must have been tested and found in compliance with Appendix 5.

Details of each Certificate of Test and Examination of a prototype wire rope terminal or end fitting (Form MO 32/2 may be used for this purpose) are to be entered into Part 3 and the Certificate is to be kept with this register.

HOISTING APPLIANCES AND ACCESSORY GEAR

(1) Quinquennial Test and Thorough Examination

Cranes, derricks, winches, cargo lifts and other hoisting appliances, and all accessory gear, including goose necks, eye plates, eye bolts and permanent attachments, must be tested and thoroughly examined after test by a responsible person in accordance with provision 15.2.2(a), before being put into service and at intervals not exceeding five years.

The required particulars of the test and thorough examination must be entered in Part 1 and the certificate

MO 32/1 issued by the responsible person should be kept with this register.

(2) Annual Thorough Examination

Cranes, derricks, winches, cargo lifts and other hoisting appliances, and all accessory gear, including goose necks, eye plates, eye bolts and permanent attachments, must be thoroughly examined at intervals not exceeding 12 months. In accordance with provision 15.2.2(b), the examination must be carried out by a responsible person in the case of equipment under survey with a classification society, or by a competent person in any other case.

The required particulars of each examination are to be entered in Part 1.

(3) Six monthly inspection

An inspection of all cranes, derricks, winches, cargo lifts and other hoisting appliances, and all accessory gear, including goose necks, eye plates, eye bolts and permanent attachments, must be made by a competent person at intervals not exceeding 6 months.

The required particulars of each examination are to be entered in Part 1.

CARGO GEAR AND LOOSE GEAR

Cargo gear and loose gear, other than wire and fibre ropes, and nets and slings, must be tested and thoroughly examined before being put into service, and given a thorough examination at intervals not exceeding 12 months, and an inspection at intervals not exceeding 6 months.

The required particulars of each examination are to be entered in Part 2.

WIRE AND FIBRE ROPES, NETS AND SLINGS

A wire rope which does not pass over a sheave or winding drum must be inspected by a competent person at intervals not exceeding 12 months. If it passes over a sheave or winding drum, the inspection should be at intervals not greater than 6 months. If a constituent wire in the rope is broken, the rope must be inspected within one month prior to its intended use.

The required particulars of the inspection of a wire rope should be entered in Part 3.

It is recommended that if a wire rope is subjected to heavy wear and tear, the inspection period be reduced. It is also recommended that the inspection of a large diameter wire, such as may be used on a heavy derricks, be carried out with the aid of a tool to open up the lay so that the internal condition of the wire can be inspected. This should also be done for wires where, owing to location, it is difficult to ensure proper internal greasing.

Fibre ropes, nets and slings do not need to be inspected at specific intervals, nor do any inspections need to be recorded in the register.

It is recommended that fibre ropes, nets and slings be inspected as opportunity occurs. They should be condemned and replaced if damaged. The reuse of expendable or disposable slings is prohibited.

TEST OR EXAMINATION AFTER ALTERATION OR REPAIR

Repaired materials handling equipment must be tested or thoroughly examined in accordance with provision 17.6.1 before being put into use.

The required particulars of the test and examination must be entered in part 4 of this register and the certificate, Forms MO 32/1, 32/2, 32/3 as appropriate, issued by the responsible person should be kept with this register.

"Repair" is to be taken to mean rectification of defective units or parts of units.

Replacement of a component by one having the same specification or a minor repair to a non-load bearing part is not considered to be a repair requiring testing and certification.

HEAT TREATMENT

A chain, ring, hook, shackle, swivel, connecting plate or overhauling weight that is subject to stress shall not be used in loading after repair unless it has, if necessary, been subjected under the supervision of a responsible person, to process of heat treatment appropriate to its design and material to restore the mechanical properties of the material or to relieve any stress.

The required particulars of the test and examination shall be entered in part 4 of this register and the certificate, form MO 32/1, 32/2, 32/3 as appropriate, issued by the responsible person should be kept with this register.

and six monthly inspections

shown in column 1 was examined and no defects affecting the safe working conditions were found, other than those shown in column 4

(4)
Remarks
To be initialled and dated
(if there are no remarks insert 'nil')

Six monthly inspection
Date & signature

Annual examination
Date & signature

Six monthly inspection
Date & signature

Annual examination
Date & signature

Six monthly inspection
Date & signature

Annual examination
Date & signature

