



# INTERNATIONAL MARITIME BUREAU, INC.

## CERTIFICATE OF TEST AND EXAMINATION OF WINCHES, DERRICKS AND ACCESSORY GEAR

Name of ship on which machinery is fitted \_\_\_\_\_

Name and address of owner \_\_\_\_\_

Port of registry \_\_\_\_\_

Cargo Gear Booklet No: \_\_\_\_\_

(1) Situation and description of machinery and gear, with distinguishing number or mark (if any)	(2) Angle to the horizon of derrick boom while the load was applied	(3) Proof load applied	(4) Safe working load at the angle shown in Column 2
	(Degrees)	(Tons)	(Tons)

(5) Name and address of public service, association, company or firm making the test and examination \_\_\_\_\_

(6) Position of signatory in public service, association, company or firm. \_\_\_\_\_

I certify that on the \_\_\_\_ day of \_\_\_\_\_, the above machinery, together with its accessory gear, was tested by a competent person in the manner set forth on the reverse side of this certificate; that a careful examination of the said machinery and gear by a competent person after the test showed that it had withstood the proof load without injury or permanent deformation; and that the safe working load of the said machinery and gear is as shown in Column 4.

Date \_\_\_\_\_

Port \_\_\_\_\_

\_\_\_\_\_  
Surveyor to INTERNATIONAL MARITIME BUREAU, INC.

**Note.** — For definition of “competent person” see reverse side.

## INSTRUCTIONS

Every winch derrick and other hoisting machine, with its accessory gear, shall be tested with a proof load, which shall exceed the safe working load as follows:

<u>Safe Working Load</u>		<u>Proof Load</u>
Up to 20 tons	-	25 per cent in excess
20-50 tons	-	5 tons in excess
Over 50 tons	-	10 per cent in excess

The proof load shall be lifted and swung as far as possible in both directions. If the boom of the winch has a variable radius, it should be tested with a proof load, as defined above, at the maximum and minimum radius of the boom. In hydraulic winches where, owing to the limitation of pressure, it is impossible to lift a load 25 per cent in excess of the safe working load, it will be sufficient to lift the greatest possible load.

After being tested, each winch or hoist, with the whole of the gear accessory thereto, shall be examined to see whether any part has been injured or permanently deformed by the test.

Note: The expression "ton" means a ton of 1,000 kg or 2,200 lb, unless expressly stated otherwise.

"Competent person" means a person acceptable as such to this Society and also to the National Authority in the country of registration.