

# COPY

## Lloyd's Register of Shipping.



Port NAGASAKI.

23rd May 1933.

CERTIFICATE No. 698.

This is to Certify that

the request of Messrs. Tokyo Seiko Kaisha, Ltd., attend at their works at Kokura, on the 22nd May 1933 for the purpose of testing the under-mentioned Twelve (12) coils of Galvanized Special Flexible Wire Ropes, with hemp core in centre of each strand and rope, have successfully withstood the breaking and twisting tests prescribed by this Society, with results as stated below.

1. A piece of each wire composing the strands was twisted nine time round itself as a core, and untwisted again and straightened without fracture.
2. The aggregate strength of the wires was found to be sufficiently in excess of the specified breaking strength.

TEST MARKS.	SIZE OF ROPE		COMPOSITION OF ROPE		BREAKING STRENGTH	
	Circ. in. inch.	Length in fms.	No. of Wires.	No. of Strands.	Finished Rope.	Aggregate of Wire
1.	5 $\frac{1}{2}$ .	130.	24.	6.	91.7	103.3
2.	4 $\frac{1}{2}$ .	120.	24.	6.	73.3	83.5
3.	3.	120.	24.	6.	29.0	32.5
4.	3.	120.	24.	6.	28.3	32.3
5.	3.	120.	24.	6.	28.6	32.2
6.	3.	120.	24.	6.	28.5	31.9
7.	5 $\frac{1}{2}$ .	130.	24.	6.	93.4	102.7
8.	4 $\frac{1}{2}$ .	120.	24.	6.	75.1	83.2
9.	3.	120.	24.	6.	28.3	31.1
10.	3.	120.	24.	6.	28.5	31.85
11.	3.	120.	24.	6.	28.5	32.1
12.	3.	120.	24.	6.	28.4	31.9

These ropes are intended for Messrs. Harima Zosen-sho., and have been stamped on the tags as follows.

LLOYD'S  
No. 698.  
H.D.B. 22-5-33

*L.D. Buchanan*

SURVEYOR TO LLOYD'S REGISTER.

Fee & Exp. Yen 129:00

This Certificate is issued upon the terms of the Rules and Regulations of the Society, which provide that:—

"While the Committee use their best endeavours to ensure that the functions of the Society are properly executed, it is to be understood that neither the committee nor the Society are under any circumstances whatever to be held responsible for any inaccuracy in any report or certificate issued by the Society or its Surveyors, or in any entry in the Register Book or other publication of the Society or for any error of judgment, default, or negligence of the Surveyors, or other Officers or Agents of the Society.