

COPY.

# Lloyd's Register of Shipping.

Port **YOKOHAMA,**

12th October, 1928.

**This is to Certify** that

**F. Brooke Smith,**

the undersigned Surveyor to this Society did at the request of Messrs, Niigata Engineering Works, Ltd, Kamata, survey during construction one 150 B.H.P. four stroke cycle single acting oil engine, having six cylinders, nine inches in diameter and twelve inches stroke designated No.1496 built to the order of Mitsubishi Zosen Kaisha, Ltd, Nagasaki, and intended for their Ship No.450.

This Engine and its accessories have been constructed and tested in accordance with the Society's Rules. It has been tested under full power in the shop and found to work satisfactory.

This Engine has also been tested driving its own dynamo and at the end of a six hours full load test the maximum temperature rise as measured by thermometer on the external surface of the armature and field coils was found to be  $30.5^{\circ}$  C.

When the rated full load was thrown off at the switch board the revolutions per minute increased from 350 to 385 and afterwards oscillated between 365 & 385.

The revolution, per minute when the rated full load was thrown on fell to 325 and then gradually increased to 350, at which speed the engine ran steady.

P.T.O.

Certificate is issued upon the terms of the Rules and Regulations of the Society, which provide that:—  
Be the Committee use their best endeavours to ensure that the functions of the Society are properly executed, it is understood that neither the Committee nor the Society are under any circumstances to be held responsible for any error or omission 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.



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For identification purposes, the cylinders  
have been marked No.1496 Lloyd's Test 1100 lb

6-8-28

R S

JACKET 30 lb

22-8-28.

J. Brooke Smith

*Surveyor to Lloyd's Register.*



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