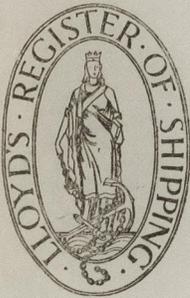


COPY

Lloyd's Register of Shipping.

(UNITED WITH THE BRITISH CORPORATION REGISTER)

No. M-24144



Port KOBE

29th July, 1955.

This is to Certify that

M. HAYASHIBARA,

the undersigned Surveyor to this Society did at the request of

Messrs. Kawasaki Dockyard Co., Ltd., Kobe attend at their works on the 18th March, 1955 and subsequently for the surveying during construction One (1) Ble. O-2 Type Heater intended for the Ship No. 940 being built by Kawasaki Dockyard Co., Ltd., Kobe.

Particulars are as follows:-

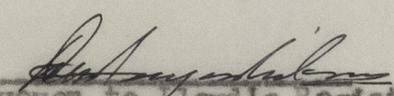
Total heating surface	72 sq. metre.
Service generating capacity	750 kg/hour.
Working pressure	10 kg/cm ² .
Headers	
Out dia	88.9 mm.
Thickness	5 mm.
Length	1,762 mm.
No. of header	2.
Tubes	
Out dia.	32 mm.
Thickness	3.2 mm.
No. of tubes	19 sets.
Size of heater	
Height	3,500 mm.
Breadth	1,750 mm. square.

The materials were tested as required by the Rules, and the scantlings are in accordance with the approved plan and the workmanship is good.

This heater was tested by hydraulic pressure to 18.5 kgs per sq., cm., and found sound and tight.

For identification purposes, this heater has been stamped as follows:-

No. B637
LLOYD'S TEST
KOB
WTP 18.5 kgs.
WP 10.0 kgs.
MH IR 20-6-55.


Surveyor to Lloyd's Register
of Shipping.

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

"While the Committees of the Society use their best endeavours to ensure that the functions of the Society are properly executed, it is to be understood that neither the Society nor any Member of any of its Committees is 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 any of its Committees or any Member thereof, or the Surveyors, or other Officers or Agents of the Society."

MH:ro