

Lloyd's Register of Shipping.

"COPPER CLIFF"



Port

NEWCASTLE-ON-TYNE.

17th September, 1943.

This is to Certify that

J.E. MARTIN & W.A. ALLAN,

the undersigned Surveyors to this Society did at the request of

Messrs. Clarke, Chapman & Co. Ltd., Gateshead on Tyne, attend at their Works on 11th February, 1943, and subsequent dates, to examine during construction and testing a Drum for a Single Screw Corvette Water Tube Boiler, and manufactured by Messrs. Clarke, Chapman & Co. Ltd., to the order of Messrs. International Combustion Ltd., Derby, Admiralty Contract No. C.P. 9B/93730/42.

The drum has an internal diameter of 3'-6.15/16", shell thickness 9/16" and 1 5/8", and length of shell plate 7'-1 3/4".

The plates used in the construction of the drum were manufactured by Messrs. Steel Co. of Scotland and were examined and tested with satisfactory results by the Surveyors to this Society at the Steel Makers' Works.

The forged steel nozzles, seatings, manhole doors, and rivet materials were tested and examined and found satisfactory by the Surveyors to this Society.

The scantlings of the drum are in accordance with the drawings approved by this Society.

The drum was examined during construction and found satisfactory. After the shell end-plates, seatings, lugs and nozzles had been fitted in place, each drum was subjected to a hydraulic pressure of Three hundred and eighty-seven (387) lbs. per square inch in the presence of the Undersigned and was found to be tight and sound in every respect at that pressure.

Subsequently, the tube holes were bored in accordance with the approved drawing.

For the purpose of identification, the drum was stamped on the ends as follows :-

| | |
|-------------------|----------------|
| W.P. | 225 lbs. |
| H.T. | 387 lbs. |
| Date | 1.9.43. J.E.M. |
| LLOYD'S NO. 12015 | W.A.A. |

(Sgd) J.E. MARTIN & W.A. ALLAN.

SURVEYORS TO LLOYD'S REGISTER.

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."