

COPY OF LETTER FROM :-

THE CLARKSON THIMBLE TUBE BOILER COMPANY LIMITED,
613, AUSTRALIA HOUSE, LONDON, W.C.2.

Machinefabriek Gebr. Stork & Co
HENGEL O,
Holland.

Ref: K.Ve./Tr.

25th. March 1937.

The Clarkson Thimble Tube Boiler Co. Ltd,
613, Australia House,
Strand,
London, W.C.2.

COPY

Dear Sirs,

re: Orders 6954/57. Boilers for Wilh. Wilhelmsen, Oslo.

For the above plant, working to the forced circulation system, we have still to order the necessary safety valves.

The working pressure of the silencer-economiser and of the oil fired boiler have both been fixed at 7 kg/sq.cm.

As you will see from the enclosed scheme D.083375, we will provide for a safety valve, (21) blowing off at 6.5 kg/sq.cm, in the connecting piping (17) between the economiser and boiler.

In this case the safety valve on the oil fired boiler need not blow off the steam quantity of boiler plus economiser, but only the max. steam quantity of the oil fired boiler. We intend to fit on same a double spring loaded safety valve with a valve diameter of 50 mm.

The heating surface of this boiler is 20 sq. m.

From your descriptions we learn that the silencer-economiser must also be provided with a double spring loaded safety valve.

As per your letter of December 1st. 1936, the steam production at 3 atm. is abt. 360 kg/h.

According to the ordinary Lloyds' formula the valve diameter for a heating surface of 60 sq. m. has to be 76 mm., but in our opinion this is much too large for this small steam production. Seeing that you have already interchanged views with Lloyds on this subject, we kindly request you to inform us to which formula we have to calculate this diameter and which valve diameters you think necessary for this plant.

Please mention also the pressure at which the spring loaded shut off valve on the oil fired boiler has to be adjusted.

Yours faithfully,

MACHINEFABRIEK GEBR. STORK & CO., N.V.



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W224-0078