





IS A DONKEY BOILER FITTED?

Yes

If so, is a report now forwarded?

Yes

Is the donkey boiler intended to be used for domestic purposes only

Small auxiliary Air Compressor & heating

PLANS.

Are approved plans forwarded herewith for Shifting

In Letter 4.5.29

Receivers

Yes

Separate Tanks

Yes

Donkey Boilers

General Pumping Arrangements

Yes

Oil Fuel Burning Arrangements

Yes

### SPARE GEAR.

Has the spare gear required by the Rules been supplied

Yes

State the principal additional spare gear supplied

1 cylinder cover: 4 cylinder liners 1 piston 2 piston rods  
20 lubricating cooling pipes together with sockets & rings & parts for 2 starting air valves for  
fuel pump set of compressor rings 2 bottom end bolts & 2 main bearing bolts for compressor  
parts for overhead lubricating pump Parts for 1<sup>st</sup> stage & 1 2<sup>nd</sup> & 3<sup>rd</sup> cooler tubes & stacks together  
with additional tubes 2 main bearings 2 crank pin bearings 2 cross head bearings 12 main  
thrust pads 1 home main gear wheel & 1 still wheel for vertical drive 1 home gear wheel rim  
and 1 cam shaft wheel for lift drive 2 thrust units for vertical cam shaft 2 fuel valve  
& rollers 2 propellers.

The foregoing is a correct description,

For THE FAIRFIELD SHIPBUILDING

AND ENGINEERING CO., LIMITED.

Manufacturer.

Dates of Survey while building  
During progress of work in shops-- 19.29 Aug 23 Sep 10 13.26 Oct 14.21.23 Nov 6.12.15.22.25.26.29 Dec 2.5.11.12.16.18.19.26.30 (1930) Jan 13.21.24.27.29.31 Feb 3.5.7.10.12.18.19.20.24.25.26.27 Mar 4.5.6.7.11.12.13.17.18.19.24.25.26.27.28 Apr 12.13.14.15.16.17.22.23.24.25.28 May 1.2.5.6.7.8.9.12.14.15.16.19.20.21.22.23.27.28.30 June 2.3.4.5.11.12.17.18.19.20.23.24.25.26.27.30 July 1.2.4.7.8.9.10.11 Aug 5.7.8.11.12.13.15.18.19.25 Sep 1.2.9.10  
During erection on board vessel--  
Total No. of visits-- 15 4-24 Oct 7.21 Nov 4.10.19.25 Dec 1.23 (1931) Jan 12.14.15.16.20.21.27 Feb 5.6

Dates of Examination of principal parts--Cylinders 10.7.30 Covers 10.7.30 Pistons 13.8.30 Rods 4.6.30 Connecting rods 11.7.30

Crank shaft 2.5.30 Flywheel shaft 15.5.30 Thrust shaft Intermediate shafts 1.9.30 Tube shaft

Screw shaft 4.6.30 Propeller 13.8.30 Stern tube 2.9.30 Engine seatings 7.10.30 Engines holding down bolts 10.11.30

Completion of fitting sea connections 7.10.30 Completion of pumping arrangements 19.11.30 Engines tried under working conditions 6.2.31

Crank shaft, Material S.M. high steel Identification Mark L.R. 640-25.30 Flywheel shaft, Material S.M. high steel Identification Mark 24T. 30

Thrust shaft, Material Identification Mark Intermediate shafts, Material do Identification Marks 33T-42T

Tube shaft, Material Identification Mark Screw shaft, Material do Identification Mark 31T-32T

Is the flash point of the oil to be used over 150° F. Yes

Have the requirements of the Rules for oil fuel pipes and tank fittings been complied with Yes

Is the vessel (not being an oil tanker) fitted for carrying oil as cargo No. If so, have the requirements of the Rules been complied with

If the notation for Ice Strengthening is desired, state whether the requirements in this respect have been complied with

Is this machinery duplicate of a previous case Yes. If so, state name of vessel Staffordshire

General Remarks (State quality of workmanship, opinions as to class, &c.) The machinery of this vessel has been constructed under special survey and in accordance with the Rules. The material and workmanship are good. It has been satisfactorily fitted in position on board. In under full working conditions and found in order.

The machinery of this vessel is eligible, in my opinion, to be classed in the Register Books with notation of +L.M.C.2.31.

The amount of Entry Fee .. £ 6 : -

Special ... £ 154 : 18

Donkey Boiler Fee ... £ 9 : 9

Travelling Expenses (if any) £ 4 : 4

Committee's Minute GLASGOW 11 FEB 1931

Assigned + L.M.C.2.31.

When applied for,

10 FEB 1931

When received,

13.4.1931

Engineer Surveyor to Lloyd's Register of Shipping

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Lloyd's Register Foundation

CERTIFICATE WRITTEN.