

AIR RECEIVERS:—Have they been made under survey

Is each receiver, which can be isolated, fitted with a safety valve as per Rule

Can the internal surfaces of the receivers be examined and cleaned

Injection Air Receivers, No.

Cubic capacity of each

Internal diameter

Thickness

Seamless, lap welded or riveted longitudinal joint

Material

Range of tensile strength

Working pressure

Starting Air Receivers, No.

Total cubic capacity

Internal diameter

Thickness

Seamless, lap welded or riveted longitudinal joint

Material

Range of tensile strength

Working pressure

IS A DONKEY BOILER FITTED?

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

PLANS. Are approved plans forwarded herewith for Shafing

(If not, state date of approval)

Donkey Boilers

General Pumping Arrangements

Pumping Arrangements in Machinery Space

Oil Fuel Burning Arrangements

SPARE GEAR.

Has the spare gear required by the Rules been supplied

State the principal additional spare gear supplied

1 Cyl. liner & pack. Complete, 2 main piston heads & 50 piston rings, 1 Cen. & Side Conn. rod both End Spherical bearings, 2 (each) Cent. & side top & bottom bearings, 2 (each) Cent. & side main bearings, 1 Set Coupling bolts for Crank & Int. Shafting, 6 Fuel valves Complete, 1 N.R. air starting valve, 1 relief valve, 4 Seawater pump valves & dies, 3 fuel pump heads with delivery Chambers Complete with valves, 15 thrust pads, 3 (each) Pad for Int. & Tail Shaft bearings, 1 C.I. Propeller, 1 Tail Shaft, 10 rubber hoses for fuel, Cooling system, 1 roller chain for Camshaft drive &c. &c.

The foregoing is a correct description.

WILLIAM DOXFORD & SONS, LIMITED,

Manufacturer.

Dates of Survey while building

During progress of work in shops - 1947 March 20, 21, 26, 31. Apr 8, 14, 15, 16, 18, 22. May 7, 8, 13, 19, 20, 21, 22, 27, 30. Aug 27, 29. Sep 23, 25, 29, 30. Oct 1, 6, 10, 23, 24, 27, 28, 29. Nov 3, 4, 11, 12, 13, 19, 20, 21, 24, 25, 26. Dec 1, 2, 4, 5, 8, 9, 10, 11, 12, 15, 16, 17, 18, 19, 23, 29, 30, 31. 1948 Jan 2, 5, 6, 7, 8. Feb 16, 17, 19, 23. Mar 1, 4, 10, 15, 19, 30. Apr 5, 6, 8, 9, 12, 13, 20, 26, 28.

Total No. of visits 88

Dates of Examination of principal parts—Cylinders

6/10/47, 24/10/47

11/11/47, 13/11/47, 9/12/47

—

Pistons

5/12/47

Rods

5/12/47

Connecting rods

30/12/47

Tube shaft

—

Crank shaft

4/12/47

Flywheel shaft

as crank.

Thrust shaft

as crank.

Intermediate shafts

30/12/47

Tube shaft

—

Screw shaft

12/12/47

Propeller

13/11/47

29/10/47, 4/11/47

Engine seatings

26/4/48

Engines holding down bolts

12/4/48

Engines tried under working conditions

28/4/48

Completion of fitting sea connections

28/10/47

Completion of pumping arrangements

26/4/48

Engines tried under working conditions

28/4/48

Crank shaft, Material

Ingot Steel

Identification Mark

as crank

Flywheel shaft, Material

as crank

Identification Mark

as crank

Intermediate shafts, Material

Ingot Steel

Identification Marks

6421-95649/700

Thrust shaft, Material

as crank

Identification Mark

as crank

Intermediate shafts, Material

Ingot Steel

Identification Marks

6421-95649/700

Tube shaft, Material

—

Identification Mark

—

Screw shaft, Material

Ingot Steel

Identification Mark

6332-96598

6334-96606

N.H.F. 18/12/47

Identification Marks on Air Receivers

K1984/5

L.R. 22456

J.C. 266/47

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

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

Description of fire extinguishing apparatus fitted

Is the vessel (not being an oil tanker) fitted for carrying oil as cargo

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

General Remarks (State quality of workmanship, opinions as to class, &c.)

Special Survey in accordance with the approved plans & the rules of the Society

The materials & workmanship are good. It has been securely fitted on board the vessel & tried under working conditions at sea with satisfactory results.

The donkey boiler has also been securely fixed on board the vessel, fitted to burn oil fuel (F.P. about 150° F) & safety valves adjusted under steam to bear pressure in accordance with rule requirements. Section 20 of the rules has been complied with.

The machinery is eligible in our opinion to have notation of L.M.C. 4. 48 (oil Eng.), T.S. (C), D.B. 100 lb/s.

The amount of Entry Fee

£ - : -

When applied for,

Special

£ 149 : 4

✓ MAY 10 1948

Donkey Boiler Fee

£ 20 : -

When received,

Travelling Expenses (if any)

£ : : 19

Committee's Minute

Assigned

+ L.M.C. 4. 48 oil Eng.

C.L.

D.B. 100 lb.

H. T. Haswell & C. Booker
Engineer Surveyor to Lloyd's Register of Shipping.

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Foundation