

Material 3 Depth and
Pitch of stays in each © 2019
Diameter _____
Pitch of rivets _____
Lloyd's Register
w540-003 Foundation

SUPERHEATER. Type

Date of Approval of Plan

Tested by Hydraulic Pressure to

Date of Test

Is a Safety Valve fitted to each Section of the Superheater which can be shut off from the Boiler

Diameter of Safety Valve

Pressure to which each is adjusted

Is Easing Gear fitted

IS A DONKEY BOILER FITTED?

If so, is a report now forwarded?

SPARE GEAR. State the articles supplied:—

The foregoing is a correct description,

THE BRITISH THOMSON-HOUSTON CO. LIMITED.

Manufacturer.

per *W. Halliwell*

Dates of Survey while building
During progress of work in shops -- 1920: June 22, Sep 25
During erection on board vessel -- Aug 8, Sep 4, Nov 4, 12, Dec 30
Total No. of visits 19
1921: Jan 5, 28, Feb 10, 25, Mar 8, 23, Apr 19, May 25, June 1, 14, July 2
1922: Jan 9

Is the approved plan of main boiler forwarded herewith

Dates of Examination of principal parts—Casings 8.8.21 Rotors 8.8.21 Blading 8.8.21 Gearing 29.8.21

Rotor shaft 8.8.21 Thrust shaft Tunnel shafts Screw shaft Propeller

Stern tube Steam pipes tested Engine and boiler seatings Engines holding down bolts

Completion of pumping arrangements Boilers fixed Engines tried under steam

Main boiler safety valves adjusted Thickness of adjusting washers

Material and tensile strength of Rotor shaft Steel 44/46 tons Identification Mark on Do. *JRB*Material and tensile strength of Pinion shaft Steel 45 tons Identification Mark on Do. *5787 (P)*Material of Wheel shaft Steel Identification Mark on Do. *303R (P)* Material of Thrust shaft Identification Mark on Do.

Material of Tunnel shafts Identification Marks on Do. Material of Screw shafts Identification Marks on Do.

Material of Steam Pipes Test pressure

Is an installation fitted for burning oil fuel Is the flash point of the oil to be used over 150°F.

Have the requirements of Section 49 of the Rules been complied with

Is this machinery a duplicate of a previous case ☒ If so, state name of vessel ☒

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

Tested, workmanship good. Casings tested to 123 lbs, nozzles & passages to 360 lbs.
Stop valves to 360 lbs hydraulic & found tight & sound. Turbines examined on
test bench running & found satisfactory - Revs 3850. Overload for 10 minutes 4445
also tested Astern & satisfactory. Only Surdnis made, no shafting supplied
Reduction (double) gear made by Power Plant Co. test bench examined
during construction & also on test bench running - satisfactory.
forwarded to Rotterdam for fitting on board of *1115* building by the new
Waterway Shipbuilding Co.

The amount of Entry Fee ... £ 7 : 10 6 When applied for,

Reduction Gear £ 7 : 10 6 1st Feb. 1922

Donkey Boiler Fee ... £ : : When received,

Travelling Expenses (if any) £ 10 : 14 : 0 2/8.4.6 paid 7.3.22 *HSW*

BTH Rugby 16-9 2/9.7.3 paid 29.3.22

Committee's Minute

FRI. 6 OCT. 1922

Assigned

See Rot. 36 12518



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Foundation