

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:— One set pads each for nickel thrust and turbine thrust blocks, one set bearing bushes each for turbine spindle, low speed gear wheel shaft, intermediate gear shaft and for pinion shaft, one spare pinion with flexible coupling, one spare rotor plunge pump, one bucket and rod for lubricating pump, one escape valve, ^{spring} each size fitted, 5% Condenser tubes & ferrules, one impeller and shaft, one air pump rod, bucket and valve, one set coupling bolts, assorted bolts and nuts.

The foregoing is a correct description, ^{The Metropolitan Vickers Electrical Co. Ltd} formerly THE BRITISH WESTINGHOUSE ELECTRIC & MFG. CO. LTD. Manufacturer.

DAVID BROWN & SONS, (HUDDER) LTD. *W. Child* Director.

W. Aldridge 22/9/19

Dates of Survey while building { During progress of work in shops -- } from Nov. 1917 to August 1919 43 visits
{ During erection on board vessel --- }
Total No. of visits _____

Is the approved plan of main boiler forwarded herewith _____

Is the approved plan of donkey boiler forwarded herewith _____

Dates of Examination of principal parts—Casings. 28-3-18 Rotors. 28-3-18 Blading. 4-4-18 Gearing. Mar 18 1919

Rotor shaft 14-4-19 Thrust shaft June 1918 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 *nickel steel 30.0 tons and 29.9 tons* Identification Mark on Do. U399 and U400

Material and tensile strength of Pinion shaft *nickel steel 42 tons, 46.0 tons* Identification Mark on Do. 464 + 463

Material of Wheel shaft *nickel steel* Identification Mark on Do. N.2. Material of Thrust shaft *nickel steel* Identification Mark on Do. N.2.

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 *yes*. If so, state name of vessel *my report N° 4268 dated 11-2-*

General Remarks (State quality of workmanship, opinions as to class, &c.) *They steam turbines and double reductors gear had been built under Survey and the material tested in accordance with the Rules of this Society. The materials and workmanship, so far as can be seen, are sound and good and eligible in my opinion to be classed, in record of L.M.C.*

mark on couplings.

H.P. Spindle
LLOYDS
SET 3
1650

L.P. Spindle
LLOYDS
SET 3
1651

Gear. Low Speed shaft
LLOYDS
N° 2
11-1918

The amount of Entry Fee ... £ *28 : 5 : 10* When applied for, _____
Special ... £ _____
Donkey Boiler Fee ... £ _____
Travelling Expenses (if any) £ _____

A. Campbell
Engineer Surveyor to Lloyd's Register of Shipping

FRI. AUG. 16 1920

FRI. OCT. 15 1920

Committee's Minute

Assigned *See minute on Npt 19905* TUE. NOV. 23 1920



ADVISED NEWPC
Dear Sir
instant
Babcock
496, int
E. Finch
the esti
Type is
for the
Messrs.

The Sec
GL

Certificate (if required) to be sent to _____
(The Surveyors are requested not to write on or below the space for Committee's Minute.)