

&C.

f the single, triple,
twin, quadruple

Yard No. 1225 P.

..Works No

..Works No. S.B.42-17

..Works No

Propelling Machinery

oilers: Main No. ONE ~~SE~~ Cylindrical Multitubular : No. Water Tube. Type. W.P. 190 lbs in

t. diameter 14'6" Int. length 11'6" Heating Surface each 2188 sq. ft. Grate Surface each 0. F.

Oil : ~~Oil~~, Oil, ~~Coal and Oil~~ Draught : ~~Natural~~, Closed Ashpit, ~~Forced~~ Are Superheaters fitted?..... **NO**

fety valves No. 2 Diar. 3¹¹ Rule diar. 2

oilers: Aux. No. Type W.P.

t. diameter length Heating Surface each Grate Surface each
height

fety valves No.....Diar.....Rule diar.....Fuel.....

Main Steam Pipes: Material.....welded, brazed, seamless

Team Engines: No. of sets..... Cylinder diars..... Stroke.....

P each at RPM. Total capacity LP cylinder (each engine)

turbines: No. of sets.....HP IP LP Turbines on each shaft :Ahead.....Astern.....

IP each at RPM. Astern SHP Type Impulse reaction

earing: Single reduction.....Speed reduction ratio.....
Double

Engines: No. of sets.....of.....Cylr. $\frac{4}{2}$ cycle $\frac{\text{single}}{\text{double}}$ acting $\frac{\text{clutch}}{\text{direct}}$ reversing. Type.....

rl. diars.....Stroke.....Bearing span.....Total capacity cyhrs. (each engine)

IP each.....at.....RPM. Mean Indicated pressure.....Max. firing pressure.....




Wheel : Weight.....tons, Diameter.....ft. Balance Weights : Total weight at radius of gyration.....tons at.....ft.
riveted.

lifting air reservoirs : No.....seamless. Internal diar.....W.P.....capacity each..... cub. ft.
welded,

electric Propulsion: No. AC
DC generators volts amps kW each at RPM

No. AC motors volts amps BHP each at RPM

lafting: diars. crank motor.....thrust.....intermediate.....propeller.....

le diameters.    continuous

opeller: diar.....pitch.....surface.....RPM.....Tailshaft liner non-continuous
oil lubricated

Site of Trial Trip... IHP SHP RPM © 2020 Knots

IHP
SHP

RPM

Knots

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Particulars of Auxiliary Machinery Ordered by Enginebuilders.

MAKERS		No., DESCRIPTION, SIZE, &c.
Superheater - - -		
Evaporator - - -		
Feed Heater - - -		
„ Filter - - -		
Air Compressors - -		
„ Reservoirs - - -		
Dynamo - - -		No. volts. amps. Total kW.
„ Engine - - -		
Electric Auxiliaries -		

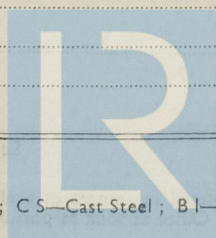
Particulars of Materials—Plates, Pipes, Forgings, and Castings.

Boilers and Air Reservoirs	MAIN	AUX. OR DONKEY
Makers of Plates (Shell) -	Colvilles Ltd.,	
„ „ (Flanging) -	do.	
„ „ (Furnace) -	do.	
„ Stay Bars -	do.	
„ Rivets - - -	Lanarkshire Rivet Nut & Bolt Co.,	
„ Tubes - - -	Stewarts & Lloyds Ltd.,	
„ Furnaces - - -	Broomside Boilerworks Co., Ltd.,	

ITEMS WHICH ARE SUBJECT TO MATERIAL TESTS

Engine Forgings and Castings, &c.	No.	MATERIAL *	MADE BY	FINISHED BY
Crank Shaft Body Pieces -				
„ „ Pins - - -				
„ „ Webs - - -				
Piston Rods - - -				
Connecting Rods - - -				
Crossheads - - -				
Turbine Spindles - - -				
„ Discs or Drums -				
„ Pinions - - -				
Reduction Gear Shafts -				
Main Gear Shafts - - -				
„ Motor Shafts - - -				
„ Generator Shafts -				
Thrust Shafts - - -				
Intermediate Shafts -				
Propeller Shafts - - -				
Steel Castings - - -				
Aux. Eng. Crank Shafts -				
Propeller - - -				
Pipes, Main Steam, Air, &c. -				

* I—Scrap Iron ; S—Scrap Steel ; IS—Ingot Steel ; CS—Cast Steel ; B I—Bar Iron.



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