

NO. 496 ENGINE DEPARTMENT - SPARE GEAR.

TURBINES & GEARING:-

- ✓ 1 H.P. and I.P. pinion forward bearing bush complete.
- ✓ 1 " " " " after " " "
- ✓ 1 L.P. pinion forward " " "
- ✓ 1 " " after " " "
- ✓ 1 Secondary pinion forward " " "
- ✓ 1 " " after " " "
- ✓ 1 Main gear wheel spindle forward " " "
- ✓ 1 " " " " after " " "
- ✓ 2 H.P. turbine bearing bushes complete (i.e. 4 halves).
- ✓ 2 I.P. turbine " " " ( " 4 " ).
- ✓ 2 L.P. " " " " ( " 4 " ).
- ✓ 6 each I.P. & L.P. pads for adjusting blocks.
- ✓ 2 I.P. adjusting block liners.
- ✓ 3 L.P. " " "
- ✓ 1 Sentinel valve spring of each size fitted.
- ✓ 2 Bolts and Nuts (or studs and nuts) of each size used for rotor bearings.
- ✓ 2 " " " " " " " of each size used for pinion bearings.
- ✓ 2 " " " " " " " of each size used for main gear wheel bearings.
- ✓  $\frac{1}{20}$  of total number Bolts and Nuts (or studs and nuts) for each turbine casing joint.
- ✓  $\frac{1}{20}$  of total number Bolts and Nuts (or studs and nuts) for each gear case joint.
- ✓ 54 Carbon segments for gland packing of rotor shafts H.P. & I.P.
- ✓ 9 Garter springs for ditto.
- ~~✓ Sufficient labyrinth packing material for one gland of each side L.P.~~
- ~~✓ 15 glass for each pair of low number of glasses fitted.~~
- ✓ 50 Assorted bolts and Nuts.
- ✓ 10 Thermometers for oil circulating system, in addition to 50 Working Thermometers.

OR SHAFTING. /



FOR SHAFTING:-

- ✓ 6 Pads and pins for Michell propeller thrust block.
- 1 Propeller shaft complete.
- 2 Bronze propeller blades, 1 R. & 1 L.
- 6 Studs and nuts for propeller blades.
- ✓ 1 Set coupling bolts and nuts for tunnel shafting.

FOR CONDENSERS & OIL COOLERS.

- 50 Main condenser tubes.
- 100 " " ferrules.
- 100 " " packings.
- 10% of the tubes for oil coolers and packing glands for same.

FOR AUXILIARIES.-

- 1 Impeller and spindle for centrifugal circulating pump.
- 1 Rod with nuts complete for air pump.
- 1 Bucket with valves and guards complete for air pump.
- 1 Set suction & discharge valve seats with valves & guards complete for Hotwell pump.
- ✓ 1 do. do. do. for one main feed pump.
- ✓ 1 do. do. do. for Harbour feed pump.
- 1 do. do. do. one oil settling tank pump.
- ✓ 1 do. do. do. one oil fuel pump.
- ✓ 1 do. do. do. one forced lubrication pump.
- ✓ 1 Piston rod and pump rod with nuts complete for one forced lubrication pump.
- ✓ 1 Pump bucket complete for one forced lubrication pump.
- 1 Set steam piston rings " " " " "
- 2 Valves and <sup>guards.</sup> ~~seals~~ for general service pump.
- 1 Set valves and seats for ballast pump.
- ✓ 1 Set " " " " bilge "
- 2 /



0085 2/4



Lloyd's Register  
Foundation



FOR AUXILIARIES (Contd.):

- 2 Valves and seats for hot water pump.
- 2 " " " " fresh " "
- 2 " " " " sanitary "
- 4 Suction and 4 Discharge valve seats complete for ash ejector pumps.
- 1 Armature for forced draught fan motors.
- 1 Set suitable spares in box, for torsion meter.
- 1 Filter cartridge and three sets of cloths for same.
- 1 Set segments for each bend with ash ejector.
- 1 Cast steel clack for discharge chest ash ejector.
- 1 Adamant ring liner " " " " "
- 1 Cast iron grating for hopper " "
- ~~1 Spring for relief valve~~ " "
- 1 Gun metal flange nozzle for patent cock " "

FOR BOILERS & SUPERHEATERS:-

- ✓ 24 Boiler tubes.
- 48 Gauge glasses.
- 2 Manhole door studs.
- ✓ 1 Feed check valve.
- ✓ 3 Springs for safety valves.
- 1 Spring for superheater safety valve.
- 5 Superheater elements.
- 20% " washers.
- 10% " studs.
- 10% " nuts.
- 10% " blank plugs.
- 5% " dogs or clamps.

FOR /



Lloyd's Register  
Foundation



FOR OIL FUEL INSTALLATION:-

- 1 Close test instrument for testing flash point.
- 2 Simplex fire extinguishers.
- 2 Charges for ditto.
- 2 Glasses for settling tank gauges.
- 1 Set strainers for suction filters.
- 1 " " " delivery "
- ✓ 1 " thermometers (i.e. as many as there are working).
- 1 " C.I. quarls, sufficient for one boiler.
- 20 Burner bodies.
- 20 " caps.
- 60 Nozzles for burners.
- 60 Diaphragms " "
- 1 Set lighting up gear, complete with burners, thermometers, holders and flexible tubing.
- 12 Gauge glasses and packing rings.

SUNDRY:-

- ✓ 3 Iron plates assorted.
- ✓ 6 " bars "
- 100 Black bolts and nuts with washers, assorted.
- 12 Brass bolts (turned and fitted) assorted.
- 2 sets Copper discs for manoeuvring valves.
- 2 Metallic discs for emergency stop valves
- 1 set Copper and I.R. Discs for reducing valves
- 2 Springs for each size of full bore reducing valve
- 1 Spring for main feed discharge valve
- 4 Glasses for direction indicator.

Linthouse, Govan.

9th. Sept., 1921.



Lloyd's Register  
Foundation

0085 4/4



Exp. Sept., 1931.

Lithomane, Goven.

- 4 Glasses for direction indicator.
- 1 Spring for main feed discharge valve.
- 2 Springs for each size of full bore reducing valve.
- 1 set Copper and T.B. Discs for reducing valves.
- 2 Metallic discs for emergency stop valves.
- 2 sets Copper discs for manoeuvring valves.
- 12 Brass bolts (turned and fitted) assorted.
- 100 Black bolts and nuts with washers, assorted.
- 1 set 2" valves and "gate" valves.
- 1 set Iron plates assorted.

SUMMARY:-

- 12 Gauge glasses and packing rings.
- 1 set of spring no. 1000, complete with pumpers, phenometers, holders and flexible tubing.
- 60 Phenometers " "
- 60 Nozzles for burners.
- 20 " gasps.
- 20 Burner bodies.
- 1 " C.I. Quartz, sufficient for one boiler.
- 1 " Phenometers (i.e. as many as there are working).
- 1 " " delivery " "
- 1 set of springs for direction indicator.
- 2 Glasses for settling tank engines.
- 2 Charges for diffco.
- 2 Simplex fire extinguishers.
- 1 Close feed instrument for testing flash point.

FOR OIL FUEL INSTALLATION:-



© 2020

Lloyd's Register  
Foundation

