

13325

List of Spare Gear
for
S. S. "Santo Domingo" No 422
Engines. 282" - 48" - 74"
54"

Cylinders:-

- 1 H.P. Cylinder cover
- 1 H.P. Piston complete
- 1 Packing Ring for L.P. Piston
- 1 Packing Ring for S.P. Piston
- 1 Top liner and 1 bottom liner for Piston Valve
- 1 H.P. Piston Valve with rings and springs complete
- 1 set of Piston & Piston Valve springs

Rods, Spindles &c.

- 1 L.P. Piston Rod with nuts and splitpins
- 1 H.P. Valve Rod complete with collars, nuts, ^{bolts} and splitpins.
- 1 L.P. Valve Rod, to fit S.P. also, complete with collars, nuts, bolts, and splitpins.
- 1 Complete set of brasses for one connecting rod
- 2 Crosshead shoes lined with white metal ready to put in place, to suit either engine.
- 2 Connecting Rod bolts, collar nuts, and splitpins. Top.
- 2 Connecting Rod bolts, collar nuts, and splitpins. Bottom.
- 2 Main Bearing Bolts with collar nuts.

Carry forward



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LOBNITZ & CO.,

ENGINEERS & SHIPBUILDERS,

RENFREW, SCOTLAND.

Sheet No 2

Spare Gear No 422 continued

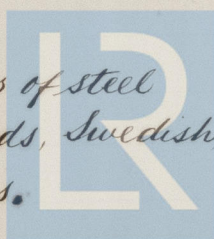
Valve Gear &c.

- 1 Ahead Eccentric Rod, with brasses. Keeps and bolts, ready to put in place made to fit either engine.
- 1 Atern do. do. do.
- 1 Malleable iron eccentric strap complete with bolts & white metal, to suit all positions in case of necessity except L. P. Ahead.
- 1 Malleable Iron Eccentric strap for L. P. Ahead, complete with white metal and bolts.
- 1 Eccentric Pulley in halves of forged & cast iron bolted together to suit all positions except L. P. Ahead in case of necessity
- 1 do. do. to suit L. P. Ahead only.
- 1 Gunmetal Quadrant block complete with 6 extra brass slips.

Shafting &c.

- $\frac{1}{3}$ rd crank Shaft built.
- 1 Rymer for coupling bolts
- 1 set of coupling bolts with nuts & split pins for one coupling.
- 1 Propeller Shaft, forged iron with nut and gunmetal liners
- Propeller.
- 4 Propeller blades of steel
- 6 Propeller boss studs, Swedish iron with gunmetal nuts and stopper pins.

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Pumps.

- 1 Air Pump bucket with Muntz Metal rod, nuts
Studs, guards and valves complete.
- 1 Foot valves with guards, valves, studs, all complete
- 1 Head valve grating with guards, valves, studs & nuts complete.
- 1 Complete set metallic valves for Air Pump.
- 1 Circulating Pump bucket, with muntz metal rods and
nut complete.

Spare Gear for Circulating Pump.

- 4 Gun metal gratings
- 4 Gunmetal guards for suction & discharge
- 2 Gunmetal bars for Discharge Valves
- 2 Muntz metal bolts & nuts & copper split pins for the
gratings 1'3" long.
- 2 do. do. 2 ft. 1" long.
- 2 do. do. 10 1/2" long.
- 2 connecting links with brasses complete. & with bottom
crosshead and guide slippers to suit both Air. & Circ. Pumps
- 2 Links for crosshead end of pump levers complete
with brasses.

Sundries and Boiler mountings

Sundry bearings, brasses, valves, and seats
say 112 lbs. to be as follows.

- 2 Stop valve spindles for 7" stop valves on Main Boilers
- 1 do. do. 5" do. do.
- 1 spindle each for 3 1/2", 3", 2 1/2", & 2" stop valves (4 in all)

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Sundries & Boiler Mountings (continued)

- 2 valves for Air valves on pumps.
- 24 sundry munts metal studs and bolts.
- 50 condenser tubes
- 200 Glands or ferrules for condenser tubes in a box
- 40 Gauge glass tubes for main boilers & 10 for Donkey.
- 1 set complete spare packing for high and Intermediate engines (Lindsays)
- 1 complete set of springs for safety valves and main escape valves.
- 1 Safety valve spindle and seat.
- 2 Valves & Spindles for feed boiler chest.
- 5 tons furnace bars for Main boiler
- 12 cwts. do do. Donkey do
- 1 set of bearers and fronts with doors for two furnaces
Main boiler.
- 20 Plain boiler tubes
- 1 Half set embossed manhole doors with studs & bridges complete for one boiler
- 10 cwts. assorted, finished and other bolts, nuts, & Setpins as may be selected $\frac{1}{2}$ " to $1\frac{1}{2}$ " diam.



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