

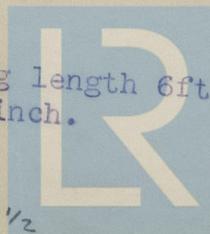
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Furnace grade length 6 ft - 6 inches X 3 ft - 3 inches
Furnace door 1 ft 8 inches X 1 ft 1 $\frac{1}{2}$ inches
Ash pit 2 ft 5 inches X 1 ft 1 inch
Boiler diameter 15 ft-0 inch
Boiler length 11 ft-6 inch
Smoke tube 2 $\frac{1}{2}$ inch inside diameter.

Questionnaire and answers for the boiler for which oil burning equipment re-
quired.

- (1) Type and number of boilers and makers name. ----- One boiler, Scotch multi tubular.
- (2) Number of Boilers and their sizes One boiler, Diameter 15ft length 11ft 6 inches.
- (3) Number of Boilers working at a time. One only.
- (4) Number of furnaces for each boiler and diameter of each furnace. Three furnaces, diameter shown in chart.
- (5) Heating surface or rating of each boiler. Grating length 6ft 6inch, breath 3ft 3 inch.

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- (6) Working pressure. 180 lbs per square inch.
- (7) I working pressure constant if not what variation. Constant when at sea, and variable in dock.
- (8) Force of draft, ie, Natural forced or induced: if natural state diameter and height of the chimney. Forced Howden patent.
- (9) Present coal consumption for each boiler for hour. Approximately 12 tons for 24 hours ie. $\frac{1}{2}$ ton per hour. Since ship is not yet put into use, cannot state correctly.
- (10) Amount of draught in inches of water available at the fire gate. $\frac{3}{4}$ inch on fire birth, and $\frac{1}{2}$ inch under ash pit dorr.
- (11) Amount of water to be evaporated per hour boiler About two tons a day.
- (12) Sketch showing the general arrangement of the furnace front plate firing door and details of its existing fixing in the furnace tube. Rough sketch enclosed, with full details of measurement.
- (13) Nature of electric supply available, ie, A.C. or D.C. If A.C. state voltage, fase etc., and if D.C. state Voltage. D.C. 120 volts 10 kilowats.



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