

Report of Survey for Repairs of Engines and Boilers.

No. 20

No. in Reg. Book. Survey held at *Newcastle on Tyne* Date, first Survey *9th March* Last Survey *21st April* 1876

23 on the *S.S. "Nankin"*

Tons *2433*

Owners *Halls, Millburn & Co*

Port belonging to *London*

Classed

Years assigned.

Character in Register Book.

100 A 1

Diameter of Cylinder *38¹/₄" + ¹/₁₀"*

Length of Stroke *48"*

Pressure of Steam *¹/₁₀*

Nominal Horse Power *300*

Engines made at

London

When made

YEAR.

1872

By whom made

Messrs Maudslay Sons & Field

Particulars of Repairs and Examination *New Boilers fitted. High pressure cylinder bored out. Pistons, slide valves, feed, bilge, circulating and air pumps overhauled. New crank shaft fitted and old shaft retained as a spare one in the ship. Main steam pipes partly new. Non return valve fitted as recommended on donkey suction pipe to prevent an unintentional communication between the sea and bilge. Handle of drain cock for ballast tank raised to level of main deck. New arrangement of pipes fitted to fresh water Condenser. All tubes drawn out of surface Condenser and cleaned. All the working parts of engines overhauled and adjusted. The vessel placed in dry dock and stern tube, Propeller and screw shaft with all connections examined. New lignum vitae fitted in stern bush.*

Boilers fitted with Adams spring safety valves and adjusted to blow off at ¹/₁₀ lbs pressure

The Amount of Fee ... *£ 5 : 5 : 0* received by me,

Certificate (if required) ... *£ 0 : 5 : 0* 10 day 1876

(Travelling Expenses, if any, £ *1.1.0*)

Committee's Minute

18

Engineer Surveyor to Lloyd's Register of British & Foreign Shipping.



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(Condition of Engines and Boilers, and subsequent Repairs and Examinations, to be clearly stated.)

(The Surveyors are requested not to write on or below the space for Committee's Minute.)