

REPORT ON BOILERS.

No. 32638
WED. APR. 30 1913

Received at London Office

of writing Report 101 When handed in at Local Office 28.4.1913 Port of Glasgow

o. in Survey held at Glasgow Date, First Survey 14-1-13 Last Survey 19.4.1913

Book on the Boilers No 1431, 1432. *TUNG LING* (Number of Visits 11.) Gross Tons }
Net Tons }

ter Built at Glasgow By whom built Lindsay Burnett & Co When built 1913

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stered Horse Power Owners Port belonging to

MULTITUBULAR BOILERS—MAIN, AUXILIARY OR DONKEY.—Manufacturers of Steel *Dunlop & Co Transvaal*

ter for record *S* Total Heating Surface of Boilers *2454* Is forced draft fitted No. and Description of Boilers *2 Single ended return tube Working Pressure 195* Tested by hydraulic pressure to *390* Date of test *12/4/13*

of Certificate *1202* Can each boiler be worked separately Area of fire grate in each boiler *46* No. and Description of valves to each boiler Area of each valve Pressure to which they are adjusted

they fitted with easing gear In case of donkey boilers, state whether steam from main boilers can enter the donkey boiler

Least distance between boilers or uptakes and bunkers or woodwork Mean dia. of boilers *12'-1"* Length *10-0*

Material of shell plates *Steel* Thickness *1/16"* Range of tensile strength *28/32* Are the shell plates welded or flanged *no*

rip. of riveting: cir. seams *lap double long* seams *butt triple* Diameter of rivet holes in long. seams *1/8"* Pitch of rivets *8"*

of plates or width of butt straps *16 1/2"* Per centages of strength of longitudinal joint *87.0* Working pressure of shell by plate *85.9*

196 Size of manhole in shell *16" x 12"* Size of compensating ring *6 x 1 1/2"* No. and Description of Furnaces in each *3* Material *Steel* Outside diameter *38* Length of plain part *top 1/2* Thickness of plates *bottom 1/2*

Description of longitudinal joint *weld* No. of strengthening rings Working pressure of furnace by the rules *198* Combustion chamber

Material *Slit* Thickness: Sides *2 1/32"* Back *2 1/32"* Top *2 1/32"* Bottom *2 1/32"* Pitch of stays to ditto: Sides *8 1/4" x 9"* Back *9" x 8 1/4"*

8 1/4" x 9" If stays are fitted with nuts or riveted heads *no* Working pressure by rules *197* Material of stays *steel* Diameter at least part *2.02* Area supported by each stay *74* Working pressure by rules *246* End plates in steam space: Material *steel* Thickness *3/32"*

of stays *16 x 17* How are stays secured *2 nuts* Working pressure by rules *196* Material of stays *steel* Diameter at smallest part *5.26*

supported by each stay *436* Working pressure by rules *202* Material of Front plates at bottom *steel* Thickness *3/32"* Material of back plate *steel* Thickness *1/16"* Greatest pitch of stays *3 1/2"* Working pressure of plate by rules *356* Diameter of tubes *3 1/2"*

of tubes *4 1/2" x 4 1/2"* Material of tube plates *steel* Thickness: Front *3/32"* Back *1/16"* Mean pitch of stays *10 1/2"* Pitch across wide spaces *13 1/2"* Working pressures by rules *197* Girders to Chamber tops: Material *steel* Depth and thickness of at centre *7 3/4" x 3/4"* Length as per rule *27* Distance apart *9"* Number and pitch of Stays in each *(2) 8 1/4"*

ing pressure by rules *248* Superheater or Steam chest; how connected to boiler *none* Can the superheater be shut off and the boiler worked *no*

Diameter	Length	Thickness of shell plates	Material	Description of longitudinal joint	Diam. of rivet
Pitch of rivets	Working pressure of shell by rules	Diameter of flue	Material of flue plates	Thickness	

med with rings Distance between rings Working pressure by rules End plates: Thickness How stayed

ing pressure of end plates Area of safety valves to superheater Are they fitted with easing gear

vey request form *1202 attached*

The foregoing is a correct description,
Lindsay Burnett & Co Manufacturer.

GENERAL REMARKS (State quality of workmanship, opinions as to class, &c.) *These boilers have been built under special survey the materials + workmanship are of good description. The boilers have now been shipped to Shanghai.*

Survey Fee ... £ 8 : 4 : } When applied for *28/4/13* 1913
Travelling Expenses (if any) £ : : } When received, *29/4/13* 1913

Committee's Minute **GLASGOW 29 APR 1913**

Signed *Transmit to London*

A. M. Keane 2021
Engineer Surveyor to Lloyd's Register of British and Foreign Shipping.

FRI. OCT. 24 1913

