

REPORT ON BOILERS.

No. 14696.

Date of writing Report *9th April, 1915* When handed in at Local Office *9th April, 1915* Port of *Lith*
 No. in Survey held at *Lithmouth* Date, First Survey *December 29th, 1914* Last Survey *March 31st, 1915*
 Reg. Book. *24* on the *Donkey Boiler No. 36 for Dundee S.B. Co. Vessel 274* (Number of Visits *3*) Gross *578* Tons Net *289*
 Master *Lithmouth* Built at *DUNDEE* By whom built *DUNDEE S.B. Co. Ltd.* When built *1916*
 Boilers made at *Lithmouth* By whom made *G. Black & Sons* When made *1915*
 Owners *NOBEL'S EXPLOSIVES Co. Ltd.* Port belonging to *GLASGOW.*

VERTICAL DONKEY BOILER— No. *one* Description *Vertical* Manufacturers of steel *Edwin & Co.*
 Made at *Lithmouth* By whom made *G. Black & Sons* When made *1915* Where fixed *Working pressure 100 lb*
 tested by hydraulic pressure to *200 lb* Date of test *31.3.15* No. of Certificate *728* Fire grate area *Description of safety valves*
 No. of safety valves *Area of each* Pressure to which they are adjusted *If fitted with easing gear* If steam from main boilers can enter the donkey boiler *Dia. of donkey boiler 5.6* Length *10.9* Material of shell plates *S* Thickness *7/16* Range of tensile strength *28.32* Descrip. of riveting long. seams *lap truth* Dia. of rivet holes *13/16* Whether punched or drilled *all* Pitch of rivets *3/8*
 Lap of plating *5 1/2* Per centage of strength of joint *Rivets 88* Working pressure of shell by rules *114* Thickness of shell crown plates *9/16*
 Radius of do. *4.9* No. of Stays to do. *4* Dia. of stays *1.76* Diameter of furnace Top *4.3* Bottom *4.10 3/4* Length of furnace *5.7*
 Thickness of furnace plates *19/32* Description of joint *lap single* Working pressure of furnace by rules *110* Thickness of furnace crown plates *3/8* Radius of do. *4.9* Stayed by *disks* Diameter of uptake *14* Thickness of uptake plates *3/8*
 Thickness of water tubes *3/8*

The foregoing is a correct description,

G. Black & Sons Manufacturer.

Dates { During progress of work in shops - - *1914. Dec. 29. 1915. Feb. 3. March 31.*
 of Survey { During erection on board vessel - -
 while building { Total No. of visits *3*

Is the approved plan of boiler forwarded herewith *Yes*

GENERAL REMARKS (State quality of workmanship, opinions as to class, &c.)

The donkey boiler for this vessel has been built under special survey. The materials and workmanship are sound and good.

Survey Fee ... £ *2 : 2* : } When applied for, *10th April, 1915*
 Travelling Expenses (if any) £ *2 : 9* : } When received, *30th April, 1915*

G. A. Hume

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

Committee's Minute

FRI. MAR. 17. 1916

Assigned

See minute Dundee 7933