

REPORT ON BOILERS.

No. 13365

Writing Report *13th June 1911* When handed in at Local Office *14th June 1911* Port of *Lith*
 Survey held at *Twinsmouth* Date, First Survey *16th December 1910* Last Survey *7th June 1911*
 on the *Donkey boiler for Messrs Gough S B Co vessel 145* (Number of Visits *5*) Tons *Gross*
 Built at *Twinsmouth* By whom built *J. Black & Sons* When built *1911*
 made at *Twinsmouth* By whom made *J. Black & Sons* When made *1911*
 Port belonging to

TICAL DONKEY BOILER— No. *one* Description *Vertical* Manufacturers of steel *Amalgam & Co*
 at *Twinsmouth* By whom made *J. Black & Sons* When made *7/6/11* Where fixed Working pressure *100 lbs*
 by hydraulic pressure to *200 lbs* Date of test *7/6/11* No. of Certificate *680* Fire grate area Description of safety valves
 safety valves Area of each Pressure to which they are adjusted If fitted with easing gear If steam from main boilers can
 the donkey boiler Dia. of donkey boiler *5'-6"* Length *11-0* Material of shell plates *5* Thickness *7/16* Range of tensile
 th *27-32* Descrip. of riveting long. seams *laps with* Dia. of rivet holes *13/16* Whether punched or drilled *dr.* Pitch of rivets *3 1/8*
 of plating *5 1/2* Per centage of strength of joint Rivets *110* Working pressure of shell by rules *125* Thickness of shell crown plates *9/16*
 Plates *76* Thickness of shell crown plates *9/16*
 of do. *4-9* No. of Stays to do. *4* Dia. of stays *1 1/2* Diameter of furnace Top *4-3* Bottom *4-10* Length of furnace *5-9*
 ness of furnace plates *19/32* Description of joint *laps single* Working pressure of furnace by rules *102* Thickness of furnace crown
 Radius of do. *4-9* Stayed by *as shell crown* Diameter of uptake *14"* Thickness of uptake plates *3/8*
 ness of water tubes *3/8*
 The foregoing is a correct description,

Manufacturer.

During progress of work in shops -- *1910, 16th December, 1911 10th, 30th January, 9th March, 7th June*
 During erection on board vessel -- *5*
 Total No. of visits *5* Is the approved plan of boiler forwarded herewith *Yes.*

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

This donkey boiler has been built under special survey. The materials and workmanship are sound and good and on completion it was tested by hydraulic pressure to double working pressure and found satisfactory.

Survey Fee ... £ *2 : 2* : When applied for, *9/6* 19 *11*
 Travelling Expenses (if any) £ *1 : 12/8* : When received, *21/6* 19 *11*

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

Committee's Minute

Assigned



Lloyd's Register
 Foundation

W1306-0036

W1306-0040