

REPORT ON BOILERS.

No. 1216H

TUES. 24 DEC 1907
TUES. 19 MAY 1908

Date of writing Report 20/12 1907 When handed in at Local Office 20/12 1907 Port of Lark
 No. in Survey held at Lusk No. in Reg. Book. 5-08 on the Smoky Biker for Dundee S.B. Co. 197 S.S. Jacqueiro
 Master Built at By whom built When built
 Boilers made at Lusk By whom made Black & Son When made 1907
 Owners Port belonging to

VERTICAL DONKEY BOILER— No. 100 Description Vertical Manufacturers of steel Dunlop & Co. Ltd.
 Made at Lusk By whom made Black & Son When made 12/07 Where fixed Hothelld Working pressure 100 lbs
 tested by hydraulic pressure to 200 lbs Date of test 9/12/07 No. of Certificate 636 Fire grate area 22 sq Description of safety valves Spring
 No. of safety valves 10 Area of each 11.0 Pressure to which they are adjusted 98 If fitted with easing gear yes If steam from main boilers can enter the donkey boiler no Dia. of donkey boiler 6-3 Length 10-6 Material of shell plates S Thickness 15/32 Range of tensile strength 27-32 Descrip. of riveting long. seams Lap full Dia. of rivet holes 13/16 Whether punched or drilled no Pitch of rivets 3 1/2
 Lap of plating 5 Per centage of strength of joint Rivets 82 Plates 74 Working pressure of shell by rules 105 Thickness of shell crown plates 5/8
 Radius of do. 6-6 No. of Stays to do. 4 Dia. of stays 1 5/8 Diameter of furnace Top 4-11 Bottom 5-8 Length of furnace 5-6
 Thickness of furnace plates 12/32 Description of joint Lap single Working pressure of furnace by rules 100 Thickness of furnace crown plates 3/4 Radius of do. 6-6 Stayed by As shown Diameter of uptake 15 3/4 Thickness of uptake plates 3/8
 Thickness of water tubes 3/8

The foregoing is a correct description,

Ses. Black & Son Manufacturer.

Dates of Survey while building
 During progress of work in shops - - 1907 Oct 30, Nov 12, Dec 9.
 During erection on board vessel - - -
 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.)

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

Survey Fee ... £ 2 : 2 :
 Travelling Expenses (if any) £ 1 : 12 :

When applied for 23/12/1907
 When received 15/1/08

Per Secretary's Letter to

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

Committee's Minute

FRI. 22 MAY 1908

Assigned

in minute on

Sld Rpt 23674

002956-002969-0198

Lloyd's Register
Foundation