

REPORT ON BOILERS

Hull No. 20,330

No. 12306

Received at London Office

JUL 21 APL 1908

Date of writing Report 14th Apr. 08 When handed in at Local Office 14th Apr. 1908 Port of Leith
 No. in Reg. Book. 252 on the Smoking biker No 284 Se. S. Jay I Pr. Hook S.B. Co. No 114 Wood
 Master James Black Built at Goole By whom built Goole S.B. Co. 67. L. When built 1908
 Boilers made at Leith By whom made James Black When made 1908
 Owners E. P. Hutchinson Port belonging to Hull

VERTICAL DONKEY BOILER— No. 001 Description Vertical 3 tubes Manufacturers of steel Colvill & Co.
 Made at Leith By whom made James Black When made 12/3/08 Where fixed In stock Working pressure 100 lbs
 tested by hydraulic pressure to 200 lbs Date of test 12/3/08 No. of Certificate 640 Fire grate area 18 sq Description of safety valves Spring
 No. of safety valves one Area of each 8.29 sq Pressure to which they are adjusted 100 lbs If fitted with easing gear yes If steam from main boilers can enter the donkey boiler No Dia. of donkey boiler 5-6 Length 11-0 Material of shell plates S Thickness 7/8 Range of tensile strength 25-32 Descrip. of riveting long. seams lap Dia. of rivet holes 3/8 Whether punched or drilled dr Pitch of rivets 3 1/2
 Lap of plating 5 1/2 Per centage of strength of joint 110 Rivets 76 Working pressure of shell by rules 125 Thickness of shell crown plates 9/16
 Radius 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
 Thickness of furnace plates 1 1/2 Description of joint lap Working pressure of furnace by rules 102 Thickness of furnace crown plates 3/8 Radius of do. 4-9 Stayed by as built Diameter of uptake 14 Thickness of uptake plates 3/8
 Thickness of water tubes 3/8

The foregoing is a correct description,
Geo. Black Manufacturer.

Dates of Survey while building { During progress of work in shops - - 1907 Dec 27, 1908 Feb 5, Apr 12
 { During erection on board vessel - - -
 Total No. of visits 3 Is the approved plan of boiler forwarded herewith no

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

This smoking biker has been built under special survey. The materials and workmanship are sound and good and the biker was found tight and satisfactory under hydraulic pressure.

This boiler has been fitted on board, tested under steam and safety set to a working pressure of 80 lbs, and the vessel is eligible in my opinion to have record of L.M. 67.08 as per separate report.

James Barclay

Survey Fee ... £ 2 : 2 : When applied for, 18/11/1908
 Travelling Expenses (if any) £ 1 : 12 : When received, 13/5/1908

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

Committee's Minute

TUES. 28 JUL 1908

Assigned

009557-004564-00310