NEWCASTLE-ON-TYNE. 70118

Rpt. 5b.

REPORT ON BOILERS.

No. 36903.

Received at London Office WED. 30 MAY. 1917

Date of writing Report 25th May 1914 When handed in at Local Office ..... 19 .... Port of Glasgow

No. in Reg. Book. Survey held at Annan Date, First Survey 16/2/14 Last Survey 25th May 1914.

(Number of Visits 2) on the Donkey boiler for S.S. "Burnhope" Messrs Wood Skinner & Co No. 204. Tons { Gross / Net

Master ..... Built at Newcastle By whom built Wood Skinner & Co When built 1917

Boilers made at Annan By whom made Cochran & Co Annan Ltd When made 1914.

Owners ..... Port belonging to .....

VERTICAL DONKEY BOILER — No. 7360 Description Cochran Manufacturers of steel Wm Beardmore

Made at Annan By whom made Cochran & Co When made 1914 Where fixed On deck Working pressure 100

tested by hydraulic pressure to 200 Date of test 25-5-14 No. of Certificate 13795 Fire grate area 18.74 Description of safety valves Spring

No. of safety valves 2 Area of each 4.9□" Pressure to which they are adjusted 105 lbs If fitted with easing gear yes If steam from main boilers can enter the donkey boiler no Dia. of donkey boiler 6'0" Length 12'6" Material of shell plates Steel Thickness 14/32" + 15/32" Range of tensile strength 28/32 Descrip. of riveting long. seams D.R. lap Dia. of rivet holes 17/32" Whether punched or drilled drilled Pitch of rivets 2.64" 2.68" 2.73"

Lap of plating 4 1/8" Per centage of strength of joint Rivets 73.3 Plates 68 Working pressure of shell by rules 106 Thickness of shell crown plates 13/16" + 7/16"

Radius of do. 36" No. of Stays to do. nil Dia. of stays Diameter of furnace Top Radius Bottom 60" Length of furnace 41 13/16"

Thickness of furnace plates 1/2" + 13/16" Description of joint Working pressure of furnace by rules 100 Thickness of furnace crown plates 1/2" Radius of do. 30" Stayed by Hemispheres Diameter of uptake 13" + 19 1/2" Thickness of uptake plates 9/16"

Thickness of ~~water~~ tubes plates Front 25/32" Back 21/32"

The foregoing is a correct description,

For COCHRAN & CO., ANNAN, LIMITED Manufacturer.

H.C. Woodham

Dates of Survey while building: During progress of work in shops — 1914 Feb 16. May 25. During erection on board vessel — See Newcastle Report No. 70118. Total No. of visits 2

Is the approved plan of boiler forwarded herewith See Drawing No 9285.

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

The boiler has been built under special survey.

Survey request form No. C1460 attached

Survey Fee ... £ 2 : 2 : } When applied for, ... 19 .....

Travelling Expenses (if any) £ : : } When received, ... 19 .....

MONTHLY ACCOUNT.

Wm. H. Coleman. & Field

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

Committee's Minute GLASGOW. 29 MAY. 1917 FRI. 10 AUG. 1917

Assigned TRANSMIT TO LONDON

RETAIN

© 2020 Lloyd's Register Foundation

W467-0210