

5b.

REPORT ON BOILERS.

No. 36414
THU 10 MAR 1917

Received at London Office

Writing Report Feb 23rd 1917 When handed in at Local Office

19

Port of Glasgow

Survey held at Annan

Date, First Survey 15-12-16 Last Survey 23-2-1917

Book.

(Number of Visits 4)

Gross 3569

Net 2300

on the Donkey boiler for the S.S. "TAPTON"

Built at Donk Shields By whom built J. Headhead & Sons When built 1904

Made at Annan By whom made Cochran & Co Annan Ltd When made 1917

Resident on S.S. Co Ltd (Steel Engineering & Co. Mfrs) Port belonging to London

VERTICAL DONKEY BOILER No. 7305 Description Cochran Manufacturers of steel Stewart & Sledge Ltd

at Annan By whom made Cochran & Co Annan Ltd When made 1917 Where fixed in the hold Working pressure 100

by hydraulic pressure to 200 Date of test 13-2-17 No. of Certificate 3701 Fire grate area 375 Description of safety valves 2 direct spring

safety valves 2 Area of each 9.60 Pressure to which they are adjusted 100 lb If fitted with easing gear Yes If steam from main boilers can

be the donkey boiler No Dia. of donkey boiler 8'0" Length 16'6" Material of shell plates Steel Thickness 11/16" + 1/8" Range of tensile

th 28 Descrip. of riveting long. seams D R Lap Dia. of rivet holes 3 1/2" Whether punched or drilled drilled Pitch of rivets 3.02"

plating 4 3/4" Per centage of strength of joint Rivets 69.4 Working pressure of shell by rules 108 Thickness of shell crown plates 17/32" + 1/16"

of do. 4 8" No. of Stays to do. 4 Dia. of stays Diameter of furnace Top 24" Bottom 8 1/2" Length of furnace 52"

ness of furnace plates 5/8" + 1/16" Description of joint Working pressure of furnace by rules 114 Thickness of furnace crown

5/8" Radius of do. 42 Stayed by Hemispherical Diameter of uptake 21 1/2" x 15" Thickness of uptake plates 7/16"

ness of water tubes Plates

Front 2 1/2"

Back 3/4"

The foregoing is a correct description,

For COCHRAN & CO., ANNAN, LIMITED Manufacturer.

G. Watley.

During progress of work in shops - 1916 Dec. 15, 22, 28 1917 Jan. 19, 26 Feb. 2, 23.

During erection on board vessel - See Newcastle Report No. 69849

Total No. of visits 4

Is the approved plan of boiler forwarded herewith Yes

Drawing No. 111138

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

C1444 attached

RETAINED

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

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

MONTHLY ACCOUNT

Committee's Minute GLASGOW 27 FEB. 1917

Signed TRANSMIT TO LONDON

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

FRI. 18 MAY. 1917

TUE. 21 AUG. 1917

FRI. 18 JAN. 1918

TUE. APR. 9 1918

Lloyd's Register
Foundation

W635-025