

REPORT ON BOILERS.

WED. 5-FEB. 1919

No. 37470

WED. MAY. 8-1918

Hull Rpt No 30915

Received at London Office

Port of Glasgow

Writing Report 14th May 1918 When handed in at Local Office

Survey held at Annan

Date, First Survey

20/3/18.

Last Survey

14th May 1918

on the Donkey Boiler for Room Defence Vessel (B. & 31)

(Number of Visits 12.)

Gross

Tons

Net

Built at New Holland

By whom built

W. H. Warren

When built 1919-1

made at Annan

By whom made

Cochran & Co Annan Ltd

When made 1918

Admiralty

Port belonging to

FICAL DONKEY BOILER-

No. 7810

Description

Cochran

Manufacturers of steel

Glasgow J. & S. Co

Annan

By whom made

Cochran & Co

When made 1918

Where fixed

Bill 10m Working pressure 150

hydraulic pressure to 300 Date of test 1-5-18

No. of Certificate 4254

Fire grate area 22.5

Description of safety valves

Spring loaded

safety valves

Area of each 4.9

Pressure to which they are adjusted 150

If fitted with easing gear

yes

If steam from main boilers can

donkey boiler

Dia. of donkey boiler 6'6"

Length 14'0"

Material of shell plates steel

Thickness 16 + 25

Range of tensile

3.06

28/32 Descrip. of riveting long. seams

D. R. Lap

Dia. of rivet holes 1 1/2

Whether punched or drilled drilled

Pitch of rivets 3.0

plating 4 7/8

Per centage of strength of joint

Rivets 67.5

Working pressure of shell by rules 152

Thickness of shell crown plates 5 + 1 1/2

of do. 39

No. of Stays to do. 12

Dia. of stays

Diameter of furnace Top Radius Bottom 66

Length of furnace 44

ess of furnace plates 23 + 1 1/2

Description of joint

Working pressure of furnace by rules 151

Thickness of furnace crown

23 + 1 1/2

Radius of do. 33

Stayed by Hemisphere

Diameter of uptake 15 x 23

Thickness of uptake plates 9/16

ess of water tubes plates

Front 31

Back 31

The foregoing is a correct description,

For COCHRAN & CO., ANNAN, LIMITED

Manufacturer.

H. C. Woodham

During progress of

work in shops

During erection on

board vessel

Total No. of visits 12

Is the approved plan of boiler forwarded herewith no

Drawing No 11618 sent with Glasgow Report No 37463

GENERAL REMARKS

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

The material + workmanship

is good.

The boiler has been built under special survey.

Boiler has been properly fitted & secured on board the vessel & its safety valves adjusted & in steam.

Our opinion the vessel is eligible for the work + to B 1-19

Survey request form

C 1524 attached to B's Rpt No 374736

Frank A. Stanger

Survey Fee

£ 2 : 2 : 0

When applied for

19

Travelling Expenses (if any)

£ : : 0

When received

19

MONTHLY ACCOUNT.

John H. Colman

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

Committee's Minute GLASGOW

7 MAY 1918

FRI. 7-FEB. 1919

Assigned TRANSMIT TO LONDON



Lloyd's Register Foundation

W1584-0111