

## REPORT ON BOILERS.

No. 34905

WED. JUN. 13. 1918

Received at London Office

Writing Report 15th June 1918 When handed in at Local Office

10 Port of Glasgow

Survey held at Annan

Date, First Survey 1/5/18.

Last Survey 14th June 1918

Book.

(Number of Visits 12)

Gross

Net

on the Donkey Boiler for Four Concrete Cooling Barge

Tons

Built at Tibbury

By whom built Christiani Nielsen Ltd

When built

Made at Annan

By whom made Cochran &amp; Co Annan Ltd

When made 1918

Port belonging to

VERTICAL DONKEY BOILER— No. 7855 Description Cochran Manufacturers of steel Glasgow J. &amp; S. Co.

at Annan By whom made Cochran &amp; Co When made 1918 Where fixed Ship Deck Working pressure 150

by hydraulic pressure to 300 Date of test 14-6-18 No. of Certificate 14342 Fire grate area 16 3/4 Description of safety valves Spring Loaded

safety valves 2 Area of each 2 1/2" dia Pressure to which they are adjusted 150 If fitted with easing gear Yes If steam from main boilers can

the donkey boiler Dia. of donkey boiler 5' 6" Length 12' 3" Material of shell plates Steel Thickness 19/32 + 21/32 Range of tensile

28-32 Descrip. of riveting long. seams D.R. Lap Dia. of rivet holes 3/16 Whether punched or drilled drilled Pitch of rivets 2.94"

plating 4 3/4 Per centage of strength of joint Rivets 69.6 Plates 67.0 Working pressure of shell by rules 156 Thickness of shell crown plates 53/64 + 9/16

of do. 33" No. of Stays to do. nil Dia. of stays Diameter of furnace Top Radius Bottom 5' 7" Length of furnace 41"

ess of furnace plates 5/8 + 53/64 Description of joint Working pressure of furnace by rules 152 Thickness of furnace crown

5/8 Radius of do. 28 1/2 Stayed by Hemisphere Diameter of uptake 13 1/2 x 19 1/2 Thickness of uptake plates 9/16

ess of water tubes plates.

Front 1" Back 1 1/16"

The foregoing is a correct description,

For COCHRAN &amp; CO., ANNAN, LIMITED Manufacturer. H.C. Woodham

During progress of work in shops - 1918 May 1. 3. 8. 10. 15. 17. 22. 24. 29. 31. June 6. 14.

During erection on board vessel -

Total No. of visits 12

Is the approved plan of boiler forwarded herewith no

Drawing no 11675 sent with Glasgow Report no 37822

GENERAL REMARKS (State quality of workmanship, opinions as to class, &amp;c.) The material + workmanship

is good.

The boiler has been built under special survey.

Survey request form

C1536 attached to S's Rpt. no 34821.

Survey Fee £ 6 : 6 : 0

Travelling Expenses (if any) £

When applied for, 24/11/19

When received, 24/11/19

Committee's Minute GLASGOW.

Transmitted TRANSMIT TO LONDON

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



Lloyd's Register Foundation

00611-006125-0086