

REPORT ON BOILERS.

No. 34644
THU. 4 APR. 1918

Received at London Office

Date of writing Report 30th March 1918 When handed in at Local Office

10 Port of Glasgow

No. in Survey held at Aman
Reg. Book.

Date, First Survey 20/2/18 Last Survey 29th March 1918

(Number of Visits 12)

Gross ✓

Tons Net ✓

on the Donkey Boiler for Bom Defence Vessel

Master Built at By whom built When built

Boilers made at Aman By whom made Cochran & Co Aman Ltd When made 1918

Owners Port belonging to

VERTICAL DONKEY BOILER— No. 7777 Description Cochran Manufacturers of steel Glasgow J. & S. Co.

Made at Aman By whom made Cochran & Co When made 1918 Where fixed Working pressure 150

tested by hydraulic pressure to 300 Date of test 29-3-18 No. of Certificate 14190 Fire grate area 22.5 ft Description of safety valves

No. of safety valves Area of each Pressure to which they are adjusted If fitted with easing gear If steam from main boilers can

enter the donkey boiler Dia. of donkey boiler 6'6" Length 14'0" Material of shell plates Steel Thickness $\frac{11}{16} + \frac{25}{32}$ Range of tensilestrength 28-32 Descrip. of riveting long. seams D.R. Lap Dia. of rivet holes $1\frac{1}{2}$ Whether punched or drilled drilled Pitch of rivets $\frac{3.06}{3.0}$ Lap of plating $4\frac{7}{8}$ Per centage of strength of joint Rivets 67.5 Plates 64.4 Working pressure of shell by rules 152 Thickness of shell crown plates $1\frac{1}{2} + \frac{5}{8}$

Radius of do. 39" No. of Stays to do. 1 Dia. of stays Diameter of furnace Top Radius Bottom 66" Length of furnace 44"

Thickness of furnace plates $\frac{23}{32} + \frac{1}{32}$ Description of joint Working pressure of furnace by rules 151 Thickness of furnace crownplates $\frac{23}{32}$ Radius of do. 33" Stayed by Hemispherical Diameter of uptake 15" x 28" Thickness of uptake plates $\frac{9}{16}$

Thickness of water tubes plates

Front $\frac{31}{32}$ Back $\frac{31}{32}$

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 - -	1918 7.10.20.22.27. Mar 1.6.8.13.15.20.22.27.29
		During erection on board vessel - -	
		Total No. of visits	12

Is the approved plan of boiler forwarded herewith ☒

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

Survey request form

No. C1524 attached to Rpt No. 37463.

Survey Fee	£ 2 : 2 : }	When applied for, 19
Travelling Expenses (if any)	£ : : }	When received, 19

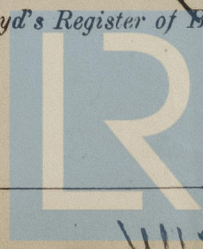
MONTHLY ACCOUNT.

J. H. Copeman

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

Committee's Minute GLASGOW. 3 APR 1918

Assigned TRANSMIT TO LONDON


 Lloyd's Register
Foundation

W1584-0142