

REPORT ON BOILERS.

No. 38084
WED. 3-SEP. 1913

Date of writing Report 30th Aug 1919 When handed in at Local Office 1/9/19 Port of Glasgow
 No. in Survey held at Annan Date, First Survey 20/6/19 Last Survey 29th Aug 1919
 on the Loukey Boiler No 8105, for the S.S. GLANMOR.
 Master Built at Lowestoft By whom built Messrs Colby Bros. Ltd (No 105) When built 1920
 Boilers made at Annan By whom made Cochran & Co., Annan, Ltd When made 1919
 Owners Port belonging to

VERTICAL DONKEY BOILER No. 8105 Description Cochran Manufacturers of steel Stewarts & Lloyds.
 Made at Annan By whom made Cochran & Co When made 1919 Where fixed in Stove hold Working pressure 100
 tested by hydraulic pressure to 200 Date of test 29/8/19 No. of Certificate 4877 Fire grate area 122 sq ft Description of safety valves one spring loaded
 No. of safety valves one Area of each 12.5 Pressure to which they are adjusted 105 If fitted with easing gear Yes If steam from main boilers can
 enter the donkey boiler No Dia. of donkey boiler 5'-0" Length 11'-3" Material of shell plates 3 Thickness 1/2 Range of tensile
 strength 28/32 Descrip. of riveting long. seams Lap & R Dia. of rivet holes 2 1/2 Whether punched or drilled drilled Pitch of rivets 2 1/2
 Lap of plating 3 7/8 Per centage of strength of joint Rivets 76.8 Plates 67.7 Working pressure of shell by rules 104 Thickness of shell crown plates 1/4 3/8
 Radius of do. 30 ins. No. of Stays to do. four Dia. of stays 1 Diameter of furnace Top Radius Bottom 5 1/2 Length of furnace 35 1/2 ins
 Thickness of furnace plates 1/4 1/2 Description of joint Roped Ring Working pressure of furnace by rules 100 Thickness of furnace crown
 plates 1/2 Radius of do. 25 1/2 ins Stayed by Hemisphere Diameter of uptake 13 x 19 1/2 Thickness of uptake plates 1/2
 Thickness of water tubes Plates
 A - 2 1/2
 B - 1 1/2

The foregoing is a correct description,
 For COCHRAN & CO., ANNAN, LIMITED Manufacturer.
 G. Waller

Dates During progress of work in shops - 1917 June 20-24 July 4-11 Aug 8-15 29
 of Survey During erection on board vessel - Oct 29, Nov 1, 4, 10
 while building Total No. of visits 11
 Drawing No 8918

Is the approved plan of boiler forwarded herewith Yes.

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

This boiler has been built under special survey.

The workmanship and materials are good.

The boiler is to the order of Messrs McColl & Pollock Sunderland and is for their order No C 309

The Boiler has been satisfactorily fixed in the vessel, and its safety valve adjusted under steam. Least distance between Boiler & Bunkers - 18".

Survey request form

No C1632 attached

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

TUE. NOV. 30 1920

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

Committee's Minute

FRI. DEC. 24 1920

Assigned TRANSMIT TO LONDON

TUE. 11 OCT. 1921
FRI. 2 JUN. 1922Lloyd's Register
Foundation

W511-0147