

REPORT ON BOILERS.

ASAT 39666
SAT JUL 3 1920

Writing Report 23rd Feb 20 When handed in at Local Office 23/2/1920 Port of Glasgow
Survey held at Annan Date, First Survey 18/9/19 Last Survey 20th Feb 1920
on the Donkey Boiler No 8207 for the new steel S.S. FLASHLIGHT Number of Visits 19
Built at Sunderland By whom built S. F. Austin & Sons. Tons Gross
made at Annan By whom made Cochran & Co. Annan Ltd When built 1920
Port belonging to

TICAL DONKEY BOILER No. 8207 Description Cochran Manufacturers of steel Glasgow Iron & Steel Co.
Annan By whom made Cochran & Co. When made 1920 Where fixed in hold Working pressure 100
hydraulic pressure to 200 Date of test 20/2/20 No. of Certificate 15096 Fire grate area 16.75 sq ft Description of safety valves Two spring loaded
safety valves 2 Area of each 4.9 sq Pressure to which they are adjusted 105 If fitted with easing gear Yes If steam from main boilers can
donkey boiler No Dia. of donkey boiler 5'-6" Length 12'-3" Material of shell plates Steel Thickness 7/16" Range of tensile
Descrip. of riveting long. seams Lap. S.R. Dia. of rivet holes 25/32 Whether punched or drilled drilled Pitch of rivets 25
Per centage of strength of joint Rivets 69 Plates 68.7 Working pressure of shell by rules 106 Thickness of shell crown plates 13/16
No. of Stays to do. None Dia. of stays 1/2 Diameter of furnace Top Radius Bottom 57 ins Length of furnace 39 3/4 ins
Description of joint Rolled Ring Working pressure of furnace by rules 100 Thickness of furnace crown
Radius of do. 28 1/2 ins Stayed by Hemisphere Diameter of uptake 13" x 19 1/2" Thickness of uptake plates 1/2
The foregoing is a correct description,
For COCHRAN & CO., ANNAN, LIMITED
G. Waller. Manufacturer.

During progress of work in shops - 1919 Sept 18-26. Oct 3-10. Nov 24-31. Dec 14-21. 28. Dec 5-19.
During erection on board vessel - 1920 Jan 9-16. 22-30. Feb 6-13-20 Drawing No 8921
Total No. of visits 19.
Is the approved plan of boiler forwarded herewith Yes.

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

The boiler has been built under special survey.
The workmanship and materials are good.
Least distance between donkey boiler & bunker 1'-6"
The Boiler has been satisfactorily fixed in the vessel and its safety valves adjusted
under steam to the above pressure. Thickness of adjusting washers P. 9/16, S. 13/16

Survey request form

No C1645 attached

RETAIN

Expenses (if any) £ 2 : 2 :
When applied for, 19
When received, 19

John W. Hegor & Ed. W. Gutter
Engineer Surveyors to Lloyd's Register of Shipping.

GLASGOW 24 FEB 1920

FRI JUL 9 1920

TRANSMIT TO LONDON

Lloyd's Register
W395-0206