

REPORT ON BOILERS.

No. 71985
13 AUG 1947

Date of writing Report 9. 8. 47 When handed in at Local Office 9. 8. 47 Received at London Office
 Port of GLASGOW
 No. in Survey held at ANNAN Date, First Survey 10. 1. 47 Last Survey 17. 7. 1947
 Reg. Book on the _____ (Number of Visits 4) Tons }
 Yard No. 612 Built at GLASGOW By whom built A. Stephen & Sons Ltd. When built _____
 Boilers made at ANNAN By whom made Cochran & Co. Annan Boiler No. 16802 When made 1947
 Owners _____ Port belonging to _____

VERTICAL DONKEY BOILER— No. one Description Cochran Manufacturers of steel Colvilles Ltd.
 Made at Annan By whom made Cochran & Co. Annan, Ltd. When made 1947 Where fixed _____ Working pressure 120 lbs
 tested by hydraulic pressure to 238 Date of test 17-7-47 No. of Certificate 22475 Fire grate area 0. F Description of safety valves Double spring
 No. of safety valves 2 Area of each 4.9 lbs/sq. in. Pressure to which they are adjusted _____ If fitted with easing gear yes If steam from main boilers can enter the donkey boiler _____ Diameter of donkey boiler 6'-6" Length 15'-9" Material of shell plates S Thickness 17/32" & 21/32"
 Range of tensile strength 28/32 Description of riveting long. seams D.R. Lap. Diameter of rivet holes 29/32" Whether punched or drilled drilled Pitch of rivets 2.86", 2.82" & 2.79" Lap of plating 4 1/2" Per centage of strength of joint _____ Working pressure of shell by rules 125.7 lbs Thickness of shell crown plates 15/32" Radius of do 3'-3" No. of stays to do none Diameter of stays _____ Diameter of furnace—Top _____ Bottom 5'-6" Length of furnace _____ Thickness of furnace side plates 17/32" Description of joint seamless Working pressure of furnace by rules 133.2 lbs Thickness of Ogee ring 15/16" Working pressure of Ogee ring by rule 125.6 lbs Thickness of furnace crown plates 17/32" Radius of do 2'-9" Stayed by hemisphere Diameter of uptake 15" x 23" Thickness of uptake plates 9/16" Thickness of tube plates _____ Mean pitch of stay tubes in nest 10.85" Pitch in outer vertical rows 8.88"
 Diameter of tube holes FRONT 2.11/16" BACK 2.9/16" Working pressure of tube plates by rule 151.9 lbs/sq. in. Tubes: Material steel per sq. in. 162.2 lbs
 External diameter 2 1/2" Thickness 11/32" No. of threads per inch 9 Pitch of Tubes 3.9/16" x 4.44"
 Working pressure by rules 175 lbs/sq. in. Manhole compensation; Size of opening in shell plate 21" x 17" Section of compensating ring 7 1/2" x 1" No. of rivets and diameter of rivet holes 40 @ 29/32" Outer raw pitch at ends 4.1"

The foregoing is a correct description,
 FOR COCHRAN & CO., ANNAN, LTD. Manufacturer.

Dates of Survey while building { During progress of work in shops - 19. 7. 47 Jan 10, 17, 24, 31 Feb 7, 14, 21, 28 Mar 7, 14, 21, 28 Apr 4, 11, 18 May 8, 15, 22, 29 Jun 5, 12, 19, 26 Drawing No. 32537
 { During erection on board vessel - -
 Total No. of Visits Let Is the approved plan of boiler forwarded herewith yes

GENERAL REMARKS (State quality of workmanship, opinions as to class, &c.)
 This boiler has been despatched to Glasgow for installation.
 This boiler has been constructed under Special Survey and in accordance with the approved plan. The materials and workmanship are good.

This boiler has been fitted on board under Special Survey. Safety valves adjusted to 120 lbs & accumulation trials carried out with satisfactory results.

*S. H. Macdonald
 Glasgow
 20. 5. 47*

Survey Fee ... £ 6 : 0 : 0. When applied for _____
 Travelling Expenses (if any) £ : : When received _____

MONTHLY ACCOUNT

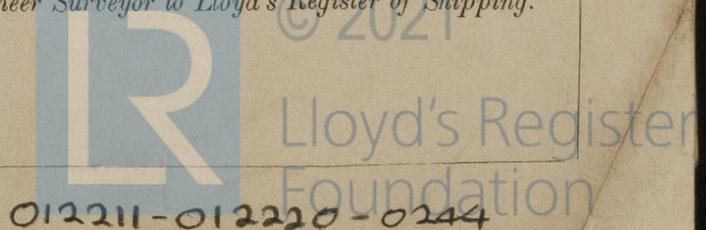
Committee's Minute

GLASGOW 12 AUG 1947

GLASGOW 1 JUN 1948

Assigned *Referred for completion*

A. Riddell & W. Russell
 Engineer Surveyor to Lloyd's Register of Shipping.



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