

REPORT ON BOILERS.

No. 59274

Date of writing Report 10 When handed in at Local Office 10. 1. 1938 Received at London Office JAN 12 1938
 No. in Survey held at Annan Port of Glasgow
 Reg. Book. Date, First Survey 9. 9. 37 Last Survey 6-1-1938
 on the BOILER No. 13840 (Number of Visits 15) (Gross Tons) (Net Tons)
 Master Built at NAKSKOV By whom built A/S NAKSKOV SKIBVAERK (No. 84) When built 1938
 Boilers made at Annan By whom made Cochran & Co Annan Ltd When made 1938
 Owners Port belonging to

VERTICAL DONKEY BOILER— No. one Description Vertical Cochran Composite Manufacturers of steel Babcock Ltd
 Made at Annan By whom made Cochran & Co Annan Ltd When made 1938 Where fixed Working pressure 100
 tested by hydraulic pressure to 200 Date of test 6-1-38 No. of Certificate 20084 Fire grate area Description of safety valves Enclosed spring
 No. of safety valves 2 Area of each 3.14 sq ft 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'-0" Length 16'-3" Material of shell plates S Thickness 1/16" & 9/16"
 Range of tensile strength 28-32 tons Description of riveting long seams DR lap Diameter of rivet holes 3/32" Whether punched or drilled drilled Pitch of rivets 2.66" / 2.63" / 2.3" Lap of plating 3 7/8" Per centage of strength of joint Rivets 677 Working pressure of shell by rules 108 Thickness of shell crown plates 13/32" / 13/16" Radius of do. 3'-0" No. of stays to do. Diameter of stays Diameter of furnace—Top Bottom 5'-0" Length of furnace Thickness of furnace side plates 1/2" Description of joint Seamless Working pressure of furnace by rules 137 Thickness of Ogee ring 13/16" Working pressure of Ogee ring by rules 101 Thickness of furnace crown plates 1/2" Radius of do. 2'-6" Stayed by Hemisphere Diameter of uptake 15" x 18" Thickness of uptake plates 9/16" Thickness of tube plates front 37/32" back 33/32" Mean pitch of stay tubes in nest 8" 11/4" 7'-6" Pitch in outer vertical rows 4 3/4" 6 1/2"
 Diameter of tube holes FRONT stay 1 1/16" 2 3/16" BACK stay 1 1/2" Working pressure of tube plates by rules F 108 B 128 Tubes: Material Steel F 115 B 128
 External diameter stay 1 1/2" Thickness stay 32/32" No. of threads per inch 9 Pitch of tubes 2-4 x 2 3/8" 3 x 3 1/4"
 Working pressure by rules 215 Manhole compensation; Size of opening in shell plate 16" x 12" Section of compensating ring 6" x 1/16" No. of rivets and diameter of rivet holes 36 @ 25/32" Outer row pitch at ends 3 1/16"

FOR COCHRAN & CO., ANNAN, LTD.
 The foregoing is a correct description,
 W. R. R. Manufacturer.
 WORKS MANAGER

Dates of Survey while building During progress of work in shops 1937 Sep: 9-16 Oct: 1-7-14-22-28 Nov: 3-11-19-30 Drawing No. E 35309
 During erection on board vessel Dec: 10-16-30 Jan: 6
 Total No. of visits 15
 Is the approved plan of boiler forwarded herewith

GENERAL REMARKS (State quality of workmanship, opinions as to class, &c.)
 The materials and workmanship are good.
 The boiler has been constructed under special survey - to the order of Messrs NAKSKOV SKIBVAERK, NAKSKOV for installation in their yard No. 84 for Cia Sud Americanade Vapores
 10/1/38.

Survey Fee ... £ 4 : 4 : When applied for ...
 Travelling Expenses (if any) £ : : When received ...
 Committee's Minute GLASGOW 11 JAN 1938
 Assigned TRANSMIT TO LONDON
 FRL 24 JAN 1938
 See Chm
 J.E. 10588

MONTHLY ACCOUNT

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Certificate (if required) to be sent to (The Surveyors are requested not to write on or below the space for Committee's Minute.)

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