

REPORT ON BOILERS.

No. 58257

Date of writing Report 2-4-37 When handed in at Local Office 5-4-37 Port of Glasgow Received at London Office 7 APR 1937

No. in Survey held at Annan Date, First Survey 30-12-36 Last Survey 1-4-37

Reg. Book. Boiler No 13483. (Number of Visits 13) Gross _____
Net _____

Master _____ Built at _____ By whom built _____ When built _____

Boilers made at ad's. By whom made _____ When made _____

Owners _____ Port belonging to _____

VERTICAL DONKEY BOILER— No. 1 Description Cochran Manufacturers of steel Cottrills Ltd

Made at Annan By whom made Cochran & Co. Annan When made 1937 Where fixed _____ Working pressure 100

tested by hydraulic pressure to 200 Date of test 1-4-37 No. of Certificate 19938 Fire grate area _____ Description of safety valves S.F.

No. of safety valves 2 Area of each 4.9 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 7'-0" Length 18'-0" Material of shell plates S Thickness 1/2" - 1/16"

Range of tensile strength 28-32 Description of riveting long seams I.R.L. Diameter of rivet holes 27/32, 29/32 Whether punched or drilled drilled Pitch of rivets 2 3/8 - 2 3/4 Lap of plating 4 1/4" Per centage of strength of joint 74.8 Working pressure of shell by rules 108.5 Thickness of shell crown plates 3/16 - 7/8 Radius of do. 3'-6" No. of stays to do. none Diameter of stays _____ Diameter of furnace—Top _____ Bottom 6'-0" Length of furnace _____ Thickness of furnace side plates 17/32 Description of joint 8'less Working pressure of furnace by rules 122 Thickness of Ogee ring 3/8" Working pressure of Ogee ring by rules 101 Thickness of furnace crown plates 9/16" Radius of do. 3'-0" Stayed by transverse Diameter of uptake 15" x 23" Thickness of uptake plates 9/16" Thickness of tube plates front 1 1/16" back 1 1/2" Mean pitch of stay tubes in nest 9.187 Pitch in outer vertical rows 5 1/4" - 6 1/4"

Diameter of tube holes FRONT stay 2 3/16" BACK stay 2" Working pressure of tube plates by rules 111, 152 Tubes: Material S

External diameter stay 1 1/2 - 2" plain 2 1/16" stay 1 1/32" plain 2" No. of threads per inch 9 Pitch of tubes 2 5/8 x 2 5/8, 3 1/8 x 3 1/8

Working pressure by rule 113 Manhole compensation: Size of opening in shell plate 16" x 12" Section of compensating ring 28" dia x 1 1/16" No. of rivets and diameter of rivet holes 36 - 27/32" Outer row pitch at ends 3.9"

FOR COCHRAN & CO. ANNAN, LTD.

The foregoing is a correct description.

W. G. W. W.
WORKS MANAGER.

Dates of Survey while building

During progress of work in shops - - During erection on board vessel - - Total No. of visits	1936 Dec: 30 (1937) Jan: 7, 14, 21, 28 Feb: 4, 11, 18, 25	Drawing No. <u>E 34867</u>
	Mar: 12, 17, 23 Apr: 1	
	<u>13</u>	

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 in accordance with the approved plan and the Society's Rules and requirements the materials and workmanship are good.

To the order of ARC KAKSKOV STUBOVANJE, KAKSKOV, YARD N° 80

W. G. W. W.
5/4/37

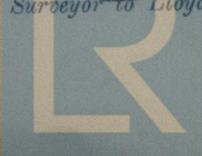
Survey Fee ... £ 4: 4: - When applied for ... 19...
 Travelling Expenses (if any) £ : : When received ... 19...

MONTHLY ACCOUNT

W. G. W. W.
Engineer Surveyor to Lloyd's Register of Shipping.

Committee's Minute GLASGOW 6-APR 1937 TUE. 12 APR 1937

Assigned TRANSMIT TO LONDON



Lloyd's Register Foundation