

REPORT ON BOILERS.

No. 50750

Received at London Office 27 AUG 1930

Date of writing Report 19 When handed in at Local Office 24.8.30 Port of GLASGOW
 No. in Survey held at Annan Date, First Survey 1.8.30 Last Survey 15.8.30 1930
 Reg. Book. Boiler No. 11697 "PUKEKO" (Number of Visits 4) Gross Tons Net
 Master Built at By whom built When built
 Boiler made at Annan By whom made Messrs Cochran & Co. Annan Ld. Annan When made 1930
 Owners Port belonging to

VERTICAL DONKEY BOILER— No. One Description Vertical Manufacturers of steel D. Bellville & Sons Ld.
 Made at Annan By whom made Cochran & Co. Annan Ld. When made 1930 Where fixed Working pressure 150
 tested by hydraulic pressure to 275 Date of test 15.8.30 No. of Certificate 8793 Fire grate area 26.48 Description of safety valves Enclosed spring
 No. of safety valves 2 Area of each 49 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 15'-0" Material of shell plates Steel Thickness 23/32 13/16 23/32
 Range of tensile strength 28-32 Description of riveting long. seams D.R. Lap Diameter of rivet holes 1 1/8 Whether punched or
 drilled drilled Pitch of rivets 3.284 3.3 3.5 Lap of plating 5 3/8 Per centage of strength of joint Rivets 64.9 Working pressure of shell by
 rules 158.7 Thickness of shell crown plates 1 1/4 2 1/32 Radius of do. 3'-6" No. of stays to do. Diameter of stays Diameter of
 furnace—Top Bottom 6'-0" Length of furnace Thickness of furnace side plates Description of joint Working
 pressure of furnace by rules 168 Thickness of Ogee ring 1 1/16 Working pressure of Ogee ring by rules 151 Thickness of furnace
 crown plates 23/32 Radius of do. 3'-0" Stayed by Hemisphere Diameter of uptake 5'-X 23" Thickness of uptake
 plates 9/16 Thickness of tube plates front 1 3/32 back 1 5/32 Mean pitch of stay tubes in nest 10.77 Pitch in outer vertical rows 5
 Diameter of tube holes FRONT stay 2 1/4 BACK stay 2 1/2 Working pressure of tube plates by rules 8.171.9 Tubes: Material What Iron
 External diameter stay 2 1/2 plain 2 9/16 Thickness stay 1 3/32 plain 1 1/2 No. of threads per inch 9 Pitch of tubes 3 3/4 X 1/4
 Working pressure by rules 175 Manhole compensation: Size of opening in shell plate 12" X 16" Section of compensating
 ring 6" X 1 3/32 No. of rivets and diameter of rivet holes 36 off. 1 1/8 Outer row pitch at ends 3.85

The foregoing is a correct description.
 FOR COCHRAN & CO., ANNAN, LIMITED, Manufacturer.
 Walter Beattie

Drawing No. 18209.

Dates of Survey while building
 During progress of work in shops - -
 During erection on board vessel - -
 Total No. of visits
 Surveyor on regular attendance minimum four visits.

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
 survey, in accordance with the Rules and Approved Plan.
 The materials and workmanship are good.
 This boiler has been built to the order of Messrs Murray, Diodorisers
 Ld. and is intended for export to Auckland, New Zealand.

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

MONTHLY ACCOUNT

Committee's Minute GLASGOW 26 AUG 1930
 Assigned TRANSMIT TO LONDON

Engineer Surveyor to Lloyd's Register of Shipping.

See Annk 1448 Lloyd's Register Foundation
 FRI, 23 MAY 1931

012508 - 012513 - 0078