

REPORT ON BOILERS.

No. 50750

Received at London Office 27 AUG 1930

Date of writing Report 10 When handed in at Local Office H.F. 10 30 Port of GLASGOW
 No. in Survey held at Annan Date, First Survey 1.8.30 Last Survey 15th August 1930
 Reg. Book. on the Boiler No. 11697 "PUKEKO" (Number of Visits 4) Gross Tons 4 Net Tons 4
 Master _____ Built at _____ By whom built _____ When built _____
 Boiler made at Annan By whom made Messrs Cochran & Co. Annan, L^d Annan When made 1930
 Owners _____ Port belonging to _____

VERTICAL DONKEY BOILER— No. One Description Vertical Manufacturers of steel D. Belleville & Sons L^d
 Made at Annan By whom made Cochran & Co. Annan L^d When made 1930 Where fixed Annan Working pressure 150
 tested by hydraulic pressure to 275 Date of test 15.8.30 No. of Certificate 18793 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 1/8" 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 Plates 65.5
 rules 158.7 Thickness of shell crown plates 1/4, 2/32 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 1/16" 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 19/32" Mean pitch of stay tubes in nest 10.77" Pitch in outer vertical rows 8"
 Diameter of tube holes FRONT stay 2 1/4" BACK stay 2 1/2" Working pressure of tube plates by rules 13.171.9 Tubes: Material Woot Iron
 External diameter stay 2 1/2" Thickness stay 11/32" 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. 1/8" 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 L^d and is intended for export to Auckland, New Zealand.

Survey Fee £ 4 : 4 : 0 When applied for 19
 Travelling Expenses (if any) £ : : When received 19

MONTHLY ACCOUNT

L. J. Hansen
 Engineer Surveyor to Lloyd's Register of Shipping.

Committee's Minute GLASGOW 26 AUG 1930

Assigned TRANSMIT TO LONDON

See Arch Lloyd's Register Foundation
 FRI, 23 MAY 1931