

REPORT ON BOILERS.

No. 48683

12 DEC 1928

Survey Report 19 When handed in at Local Office 12. 19 28 Port of Glasgow
 Survey held at Annan Date, First Survey 12. 19 28 Last Survey 5th Dec 1928
 on the BOILER No 11086 Mr. Killoran (Number of Visits 1) Gross Tons Net Tons
 Built at Annan By whom built Messrs Cochran & Co. Annan Ltd When built 1928
 Made at Annan By whom made Messrs Cochran & Co. Annan Ltd When made 1928
 Port belonging to

Vertical Description Vertical Manufacturers of steel G. Colville & Son Ltd
 Annan By whom made Cochran & Co Annan When made 1928 Where fixed on deck Working pressure 100 lb.
 hydraulic pressure to 200 lb Date of test 5-12-28 No. of Certificate 18/30 Fire grate area 75 sq ft Description of safety valves Enclosed Spring
 safety valves 2 Area of each 1.76 sq ft Pressure to which they are adjusted 100 lb If fitted with easing gear yes If steam from main boilers can
 donkey boiler No Diameter of donkey boiler 3'-9" Length 8'-6" Material of shell plates Steel Thickness 3/8", 1 3/32", 3/8"
 tensile strength 28-32 Description of riveting long. seams D.R. Lap Diameter of rivet holes 23/32" Whether punched or
 drilled Pitch of rivets 2 1/4", 2.239", 2.291" Lap of plating 3 3/4" Per centage of strength of joint Rivets 77.7 Working pressure of shell by
 42.5 Thickness of shell crown plates 1/2" Radius of do. 3'-2" No. of stays to do. 4 Diameter of stays 1 1/2" Diameter of
 Top 3'-0" Bottom 3'-3/8" Length of furnace 2'-10 1/8" Thickness of furnace side plates 1/2" Description of joint S.R. Lap ELECT. WELD Working
 of furnace by rules 173.2 lb. Thickness of Ogee ring 1/2" Working pressure of Ogee ring by rules 100 lb Thickness of furnace
 plates 1/2" Radius of do. 23" Stayed by Hemisphere Diameter of uptake 8 1/2" x 13 3/4" Thickness of uptake
 1/2" Thickness of tube plates front 1 1/16" back 17/32" Mean pitch of stay tubes in nest 8.84" Pitch in outer vertical rows 4 1/8"
 of tube holes FRONT stay 2 1/16" BACK stay 2 1/2" Working pressure of tube plates by rules F. 111.6 lb. Tubes: Material Wrought iron
 diameter stay 2 1/2" plain 2 9/16" Thickness stay 1 1/32" plain 11.4.3.6 No. of threads per inch 9 Pitch of tubes 3 1/2" x 3 9/16"
 pressure by rules 125 lb. Manhole compensation: Size of opening in shell plate 14" x 10" Section of compensating
 1/2" x 1 1/16" No. of rivets and diameter of rivet holes 32 off. 2 3/32" Outer row pitch at ends 3 5/8"

The foregoing is a correct description.

J. E. Woodham

Manufacturer

During progress of work in shops - -

Drawing No. 15433

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

in survey in accordance with the Rules and approved plan materials and workmanship are good.

has been sold to Messrs. A. Clarkson & Son of London and intended for the Steel barge "KILLORAN"

The boiler has been fixed on the deck & the safety valves adjusted under steam to blow at 100 lb per sq in

Survey Fee ... £ 44 : 4 : 0

When applied for 19

Selling Expenses (if any) £

When received 19

Committee's Minute GLASGOW 11 DEC 1928

Transmit to LONDON

A. Campbell 1929
 Engineer Surveyor to Lloyd's Register of Shipping.

FRL 11 JAN 1929

TUE. 10 DEC 1929

Lloyd's Register Foundation W407-0166