

REPORT ON BOILERS.

No. 27713.
WED. 12 MAY 1909

Received at London Office

Date of writing Report *May 5th 1909* When handed in at Local Office *10/6/1909* Port of *Glasgow*
No. in Survey held at *Annan* Date, First Survey *19th March 09* Last Survey *7th May 1909*
Reg. Book. *Key Boilers for Barclay Curle & Co. 10.* (Number of Visits *7*) Tons { Gross
Master _____ Built at _____ By whom built _____ When built _____
Boilers made at _____ By whom made _____ When made _____
Owners _____ Port belonging to _____

VERTICAL DONKEY BOILER — No. *4858* Description *Archon patent* Manufacturers of steel *Stewart & Lloyd.*
Made at *Annan* By whom made *Archon & Co. Annan Stb* When made *1909* Where fixed _____ Working pressure *120 lbs*
Tested by hydraulic pressure to *240 lbs* Date of test *4.5.09* No. of Certificate *9836* Fire grate area *16³/₄* Description of safety valves _____
No. of safety valves _____ Area of each _____ Pressure to which they are adjusted _____ If fitted with easing gear _____ If steam from main boilers can enter the donkey boiler _____
Dia. of donkey boiler *5'-6"* Length *12'3"* Material of shell plates *steel* Thickness *2¹/₂"* Range of tensile strength *28,300 lbs* Descrip. of riveting long. seams *double riv lap* Dia. of rivet holes *2¹/₂"* Whether punched or drilled *drilled* Pitch of rivets *2¹/₂"*
Lap of plating *4"* Per centage of strength of joint _____ Rivets *60* Working pressure of shell by rules *123 lbs* Thickness of shell crown plates *1¹/₂"*
Radius of do. *2'-9"* No. of Stays to do. *none* Dia. of stays _____ Diameter of furnace Top *2'-4"* Bottom _____ Length of furnace *3'-3¹/₂"*
Thickness of furnace plates *3¹/₂"* Description of joint *solid dish & punched ring* Working pressure of furnace by rules *124 lbs* Thickness of furnace crown plates *1¹/₂"* Radius of do. *9'-4"* Stayed by *hbr.* Diameter of uptake *13"x19"* Thickness of uptake plates *9¹/₂"*
Thickness of water tubes plates *2¹/₂"* The foregoing is a correct description,
For COCHRAN & CO. LTD. Manufacturer.

Dates { During progress of work in shops - - } *1909. Mar 19. 23 Apr 2. 16. 23. 29 May 7*
{ During erection on board vessel - - - }
while building { Total No. of visits } *7.* Is the approved plan of boiler forwarded herewith *Yes.*

GENERAL REMARKS (State quality of workmanship, opinions as to class, &c.) *This boiler has been made under survey. The material & workmanship are of good description and the hydraulic test proved satisfactory.*

DRAWING No 17400.

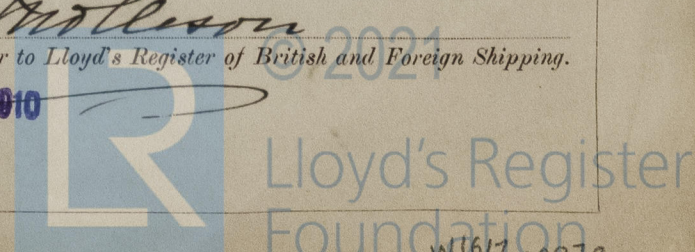
Survey request 40C69 attached

Survey Fee ... £ *2 : 2 :* When applied for, *Monthly, etc.*
Travelling Expenses (if any) £ : : When received, *19*

GLASGOW 11 MAY. 1909

James Morrison
Engineer Surveyor to Lloyd's Register of British and Foreign Shipping.
TUES. 1 MAR 1910

Committee's Minute
Assigned *Transmitted London.*



as it does not appear
that this Boiler is
intended for a classed
vessel, it is submitted
that no further
action be taken
in this case

H. L.

17/5/09

17.5.09

General Remarks

Boiler

Boiler

Boiler

Boiler

Boiler

GENERAL REMARKS

Boiler

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