

# REPORT ON MACHINERY.

No. 10768.

Port of Glasgow  
 No. in Survey held at Glasgow  
 Reg. Book. \_\_\_\_\_  
 on the \_\_\_\_\_  
 Master \_\_\_\_\_  
 Engines made at \_\_\_\_\_  
 Boilers made at \_\_\_\_\_  
 Registered Horse Power \_\_\_\_\_  
 Nom. Horse Power as per Section 28 \_\_\_\_\_

Date, first Survey \_\_\_\_\_  
 Last Survey 8<sup>th</sup> Feb. 1893  
 (Number of Visits \_\_\_\_\_)  
 Built at Glasgow By whom built R. Duncan & Co  
 By whom made \_\_\_\_\_  
 By whom made \_\_\_\_\_  
 Owners \_\_\_\_\_

Received at London Office \_\_\_\_\_  
 Tons { Gross \_\_\_\_\_  
 Net \_\_\_\_\_  
 When built \_\_\_\_\_  
 when made \_\_\_\_\_  
 when made \_\_\_\_\_  
 Port belonging to \_\_\_\_\_

## ENGINES, &c.—

Description of Engines		Length of Stroke	Revolutions per minute	No. of Cylinders
Diameter of Cylinders				
Diameter of Tunnel shaft	as per rule			
	as fitted			
Diameter of screw				
	Pitch of screw			
No. of Feed pumps				
	Diameter of ditto			
No. of Bilge pumps				
	Diameter of ditto			
	Stroke			
	No. of blades			
	State whether moveable			
	Can one be overhauled while the other is at work			
	Diameter of Crank shaft journals			
	Diameter of Crank pin			
	Diameter of Screw shaft			
	as per rule			
	as fitted			
	Size of Crank webs			
	Total surface			

APR 324-0018



## DONKEY BOILER—

Description

Vertical with Cross tubes

Made at

Glasgow

By whom made

H. Wallace &amp; Co

When made

1893

Where fixed

on deck

Working pressure

60 lbs

tested by hydraulic pressure to

120 lbs

No. of Certificate

3844

Fire grate area

10.0 sq feet

Description of safety valves

Direct spring

No. of safety valves

one

Area of each

7.0"

Pressure to which they are adjusted

60 lbs

If fitted with easing gear

yes

If steam from main boilers can

enter the donkey boiler

—

Diameter of donkey boiler

4'-3"

Length

9'-0"

Material of shell plates

3/8" steel

Description of riveting long seams

d. riv. lap

Diameter of rivet holes

13/16"

Whether punched or drilled

drilled

Pitch of rivets

3 1/4"

Lap of plating

4 1/2"

Per centage of strength of joint

Rivets

72

Plates

45

Thickness of shell crown plates

7/16"

Radius of do.

48"

No. of Stays to do.

4.

Dia. of stays.

1 5/8"

Diameter of furnace Top

43"

Bottom

44"

Length of furnace

48"

Thickness of furnace plates

3/16"

Description of

joint

lap

Thickness of furnace crown plates

7/16"

Stayed by

as above &amp; uptake

Working pressure of shell by rules

104 lbs

Working pressure of furnace by rules

70 lbs

Diameter of uptake

12"

Thickness of uptake plates

3/8"

Thickness of water tubes

3/8"

~~SPARE GEAR.~~

State the articles supplied:—

The above mentioned boiler has been built under special survey and is of good workman-ship material. The above particulars furnished for the information of Greenwich Surveyors.

The foregoing is a correct description,

Manufactures

John Sanderson  
Glasgow 13/3/93