

Rpt. 5121

B. 9m

125 NOV 1942

13534

24th Oct 42  
Göteborg  
M.S. BUENOS AIRES  
27th Oct 42  
Göteborg  
A/B. Göteborg  
12th January  
Göteborg  
A/B. Göteborg  
22nd October 42  
28  
11106  
6702  
1942  
1942  
1942  
Buenos Aires

STEAM BOILERS - DONKEY.

Colville Ltd.  
2 x 165 m<sup>2</sup>.  
2 Scotch multi-tubular  
1944 (175 lb)  
240-8-44  
No. of Certificate 267,368  
Can each boiler be worked separately Yes  
1 double spring loaded  
8670 mm<sup>2</sup>  
11850 mm<sup>2</sup>  
Pressure to which they are adjusted 10.55 kg/cm<sup>2</sup> (150 lb)  
Are they fitted with easing gear Yes  
No main boilers  
2 ft 6 in A.R. 60 lb oil fuel carried in the double bottom under boilers No  
Boilers on a flat above thrust is the bottom of the boiler insulated Yes  
3750 mm. Length 3600 mm. Shell plates: Material S. M. Steel Tensile strength 40/50 kg/mm<sup>2</sup>  
D.B. strips 4 mm rivets  
27 mm. Pitch of rivets 90 mm.  
27, 28 mm. Pitch of rivets 279 mm.  
Percentage of strength of circ. intermediate seam  
Working pressure of shell by Rules 10.95 kg/cm<sup>2</sup>  
21.5 mm. No. and Description of Furnaces in each Boiler 2 horizontal corrugated  
S. M. Steel Tensile strength 41/47 kg/mm<sup>2</sup> Smallest outside diameter 1124 mm.  
267 mm. Thickness of plate 12 mm. Description of longitudinal joint Welded  
267 mm. Working pressure of furnace by Rules 10.76 kg/cm<sup>2</sup>  
S. M. Steel Tensile strength 41/47 kg/mm<sup>2</sup> Thickness 22 mm. Pitch of stays 485 x 875 mm.  
Double nuts and loose washers outside Working pressure by Rules 12 kg/cm<sup>2</sup>  
S. M. Steel Tensile strength 41/47 kg/mm<sup>2</sup> Thickness 19 mm.  
282.5 mm. Pitch across wide water spaces 330 mm. Working pressure 12 kg/cm<sup>2</sup>  
S. M. Steel Tensile strength 40/50 kg/mm<sup>2</sup> Depth and thickness of plate  
200 mm. 2 x 215 mm. 759 mm. Distance apart 225 mm. No. and pitch of  
2, 210 mm. 16.3 kg/cm<sup>2</sup> Combustion chamber plates: Material S. M. Steel  
Tensile strength 41/47 kg/mm<sup>2</sup> Sides 18 mm. Back 19 mm. Top 18 mm. Bottom 18 mm.  
215 x 210 mm. 205 x 225 mm. Top 210 x 225 mm. Are stays fitted with nuts or riveted over Riveted  
11.25 kg/cm<sup>2</sup> S. M. Steel Tensile strength 41/47 kg/mm<sup>2</sup>  
22 mm. S. M. Steel Tensile strength 41/47 kg/mm<sup>2</sup> Thickness 22 mm.  
360 x 205 mm. Riveted  
11.2 kg/cm<sup>2</sup> S. M. Steel Tensile strength 40/50 kg/mm<sup>2</sup>  
68.5 mm. 12.95 kg/cm<sup>2</sup>  
38 mm.



12 kg/cm<sup>2</sup>  
9  
S. M. Steel  
89 x 96 mm.  
400 x 500 mm.  
120 mm.

ho  
225 x 282.5 mm.  
2 1/2"  
2 1/2"  
10 L.S.G.  
5/16"  
15.2 kg/cm<sup>2</sup>  
700 x 800 x 215 mm.  
85 mm. in end plate

44.5 mm.  
12.7 kg/cm<sup>2</sup>  
9  
36, 27 mm.

Type of superheater

Have all the requirements of Sections 14 to 22 inclusive for boilers been complied with

yes.

1942 Jan 22-23-24-25-26 Feb. 11-12-27  
Mar. 4-10-28-29  
April 20-21 May 15-22-23-24 June 11-12  
July 1-10 Aug 1-10-20-21-22-23-24-25-26-27-28-29-30-31

10. Plans  
appd 20-8-42

Has Boiler a duplicate of a previous case

yes

If so, state Vessel's name and Report No.

N.B. Tolson Göttemten Yard No. 850

#### GENERAL REMARKS

(State quality of workmanship, opinions as to class, etc.) These donkey boilers have been built under special survey of tested materials in accordance with the Rules and approved plan. The workmanship and materials are good.

The boilers have been securely fitted in the vessel under my inspection and to my satisfaction and the safety valves adjusted under steam to 150 lb/in<sup>2</sup>.

in

(450/-)

also applied for

28<sup>th</sup> October, 42

Expenses (if any)

✓

When received

W.S. Rogers

FRI, 4 DEC 1942

See for. G.E. 13534



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Foundation